Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110223AL\
Data File : FE045161.D
Signal(s) : FID1B.ch
Acq On : 02 Nov 2023 17:17
Operator : YP\AJ
Sample : 05213-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Nov 02 23:11:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.891	4856496	24.226 ug/ml
Spiked Amount	50.000		Recovery =	48.45%
12) S	1-chlorooctadecane (S...	13.333	3736226	25.247 ug/ml
Spiked Amount	50.000		Recovery =	50.49%
	Target Compounds			
1) T	n-Nonane (C9)	3.280	4339491	25.868 ug/ml
2) T	n-Decane (C10)	4.529	4938290	28.989 ug/mlm
3) T	A~Naphthalene (C11.7)	6.229	5669204	30.625 ug/ml
4) T	n-Dodecane (C12)	6.693	5293610	30.666 ug/ml
5) T	A~2-methylnaphthalene...	7.324	5545296	30.740 ug/ml
6) T	n-Tetradecane (C14)	8.521	5500673	32.078 ug/ml
7) T	n-Hexadecane (C16)	10.130	5840698	33.400 ug/ml
8) T	n-Octadecane (C18)	11.577	6139919	35.203 ug/ml
10) T	n-Eicosane (C20)	12.890	6181958	37.011 ug/ml
11) T	n-Heneicosane (C21)	13.502	5824577	35.731 ug/ml
13) T	n-Docosane (C22)	14.089	5780973	36.142 ug/ml
14) T	n-Tetracosane (C24)	15.178	11663828	75.155 ug/mlm
15) T	n-Hexacosane (C26)	16.220	5525591	36.804 ug/ml
16) T	n-Octacosane (C28)	17.170	5571326	37.941 ug/ml
17) T	n-Tricontane (C30)	18.062	5593882	37.611 ug/ml
18) T	n-Dotriacontane (C32)	18.894	5677537	37.826 ug/ml
19) T	n-Tetratriacontane (C34)	19.679	5667946	38.075 ug/ml
20) T	n-Hexatriacontane (C36)	20.419	5689923	37.010 ug/mlm
21) T	n-Octatriacontane (C38)	21.162	5829347	37.317 ug/mlm
22) T	n-Tetracontane (C40)	22.076	5923436	35.444 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Data File : FE045161.D
Signal(s) : FID1B.ch
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Operator : YP\AJ
Sample : 05213-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Nov 02 23:11:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 2023
Response via : Initial Calibration
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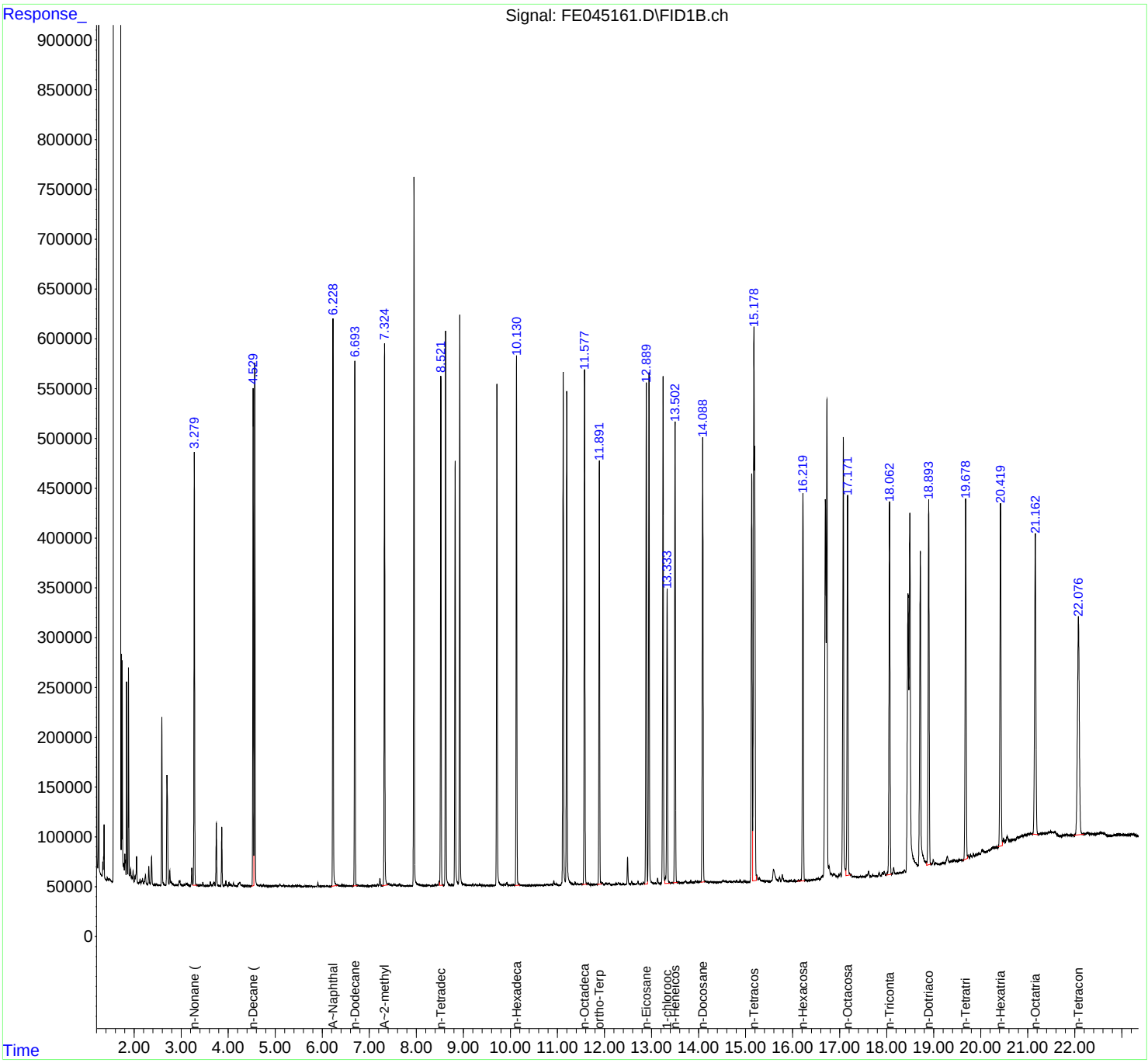
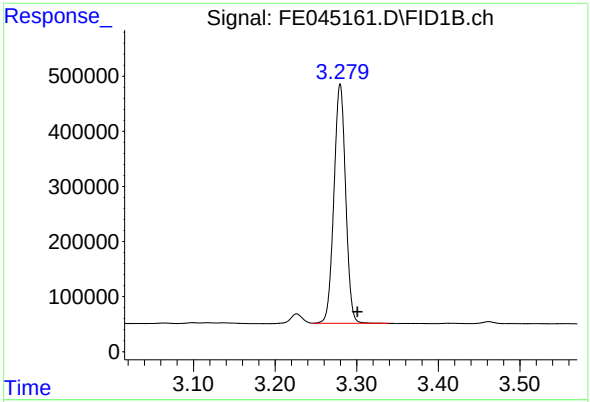
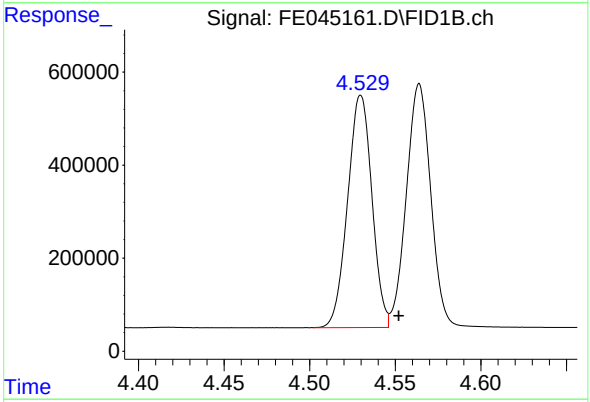
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





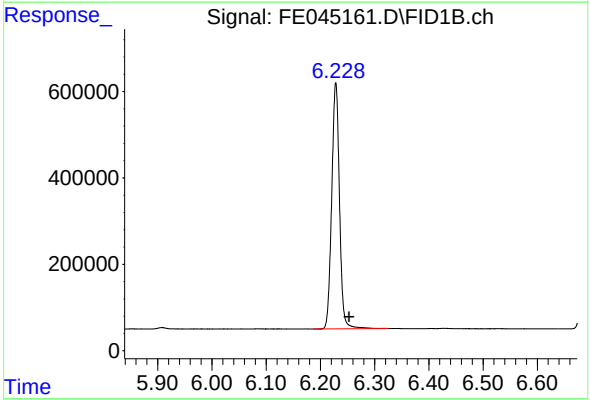
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.021 min
Response: 4339491
Conc: 25.87 ug/ml



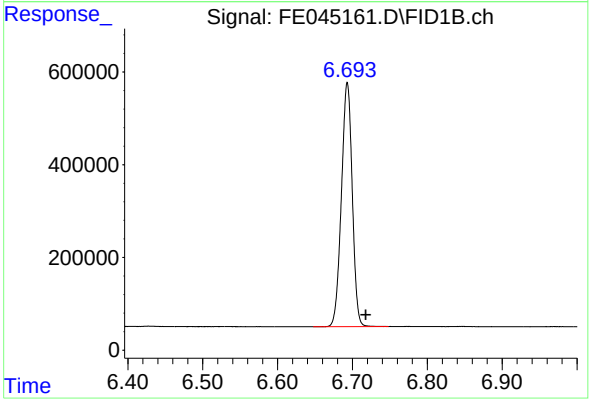
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.023 min
Response: 4938290
Conc: 28.99 ug/ml m



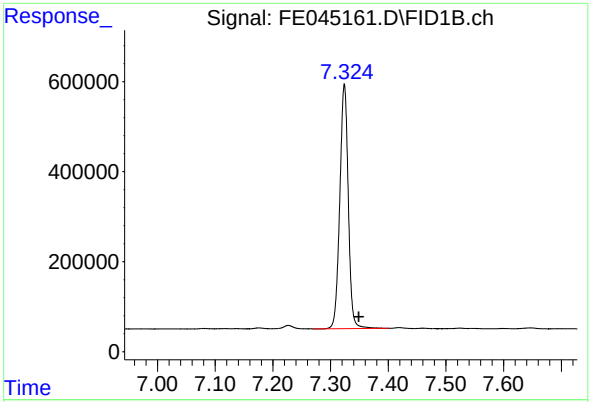
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.025 min
Response: 5669204
Conc: 30.62 ug/ml



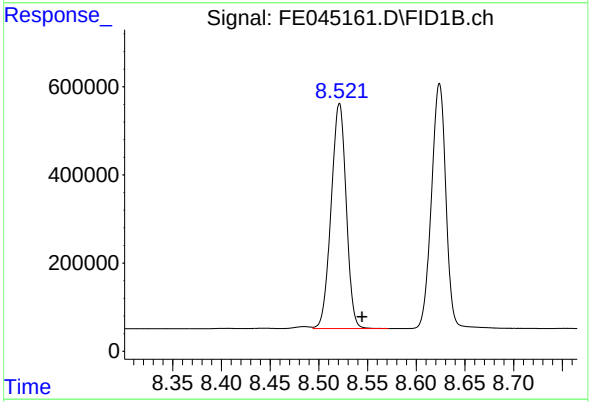
#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.024 min
Response: 5293610
Conc: 30.67 ug/ml



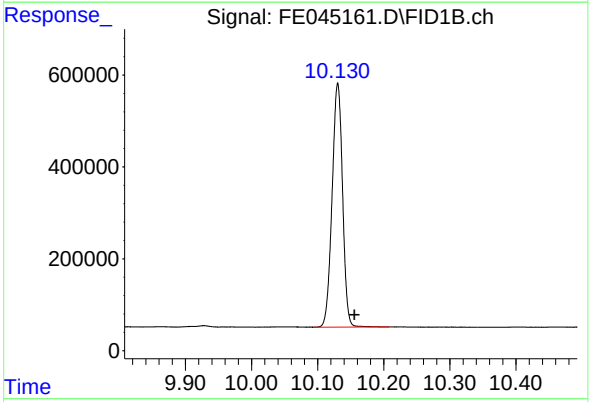
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.025 min
Response: 5545296
Conc: 30.74 ug/ml



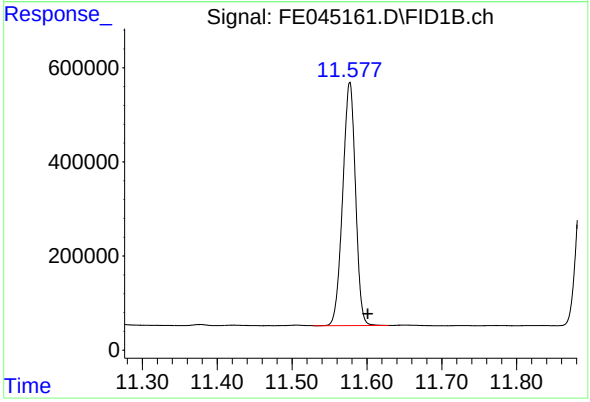
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.023 min
Response: 5500673
Conc: 32.08 ug/ml



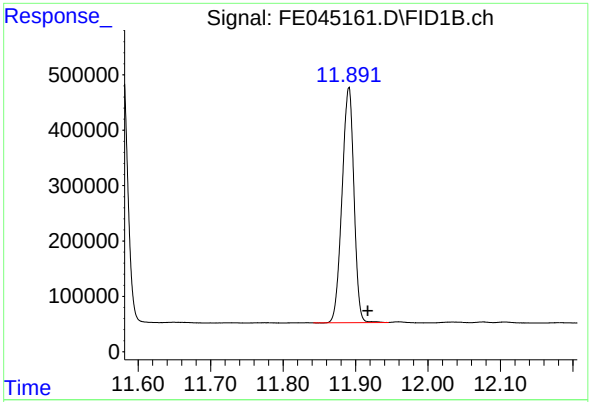
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.025 min
Response: 5840698
Conc: 33.40 ug/ml



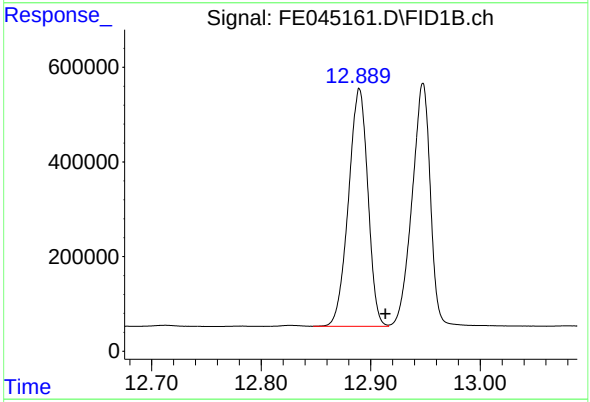
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.024 min
Response: 6139919
Conc: 35.20 ug/ml



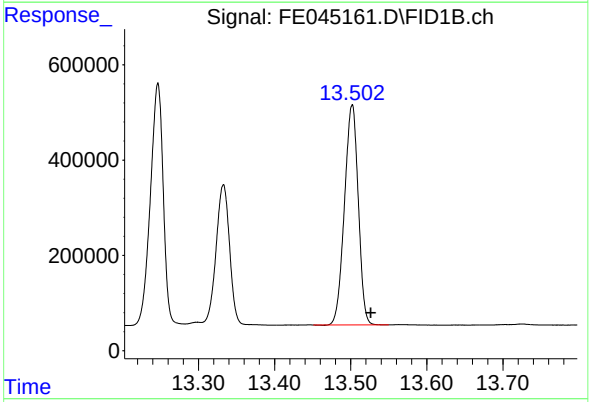
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.026 min
Response: 4856496
Conc: 24.23 ug/ml



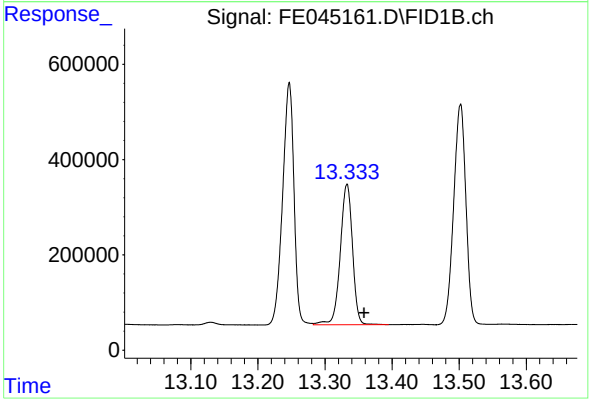
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.024 min
Response: 6181958
Conc: 37.01 ug/ml



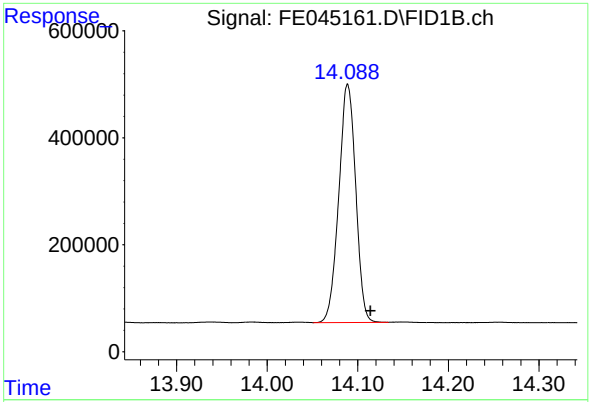
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.024 min
Response: 5824577
Conc: 35.73 ug/ml



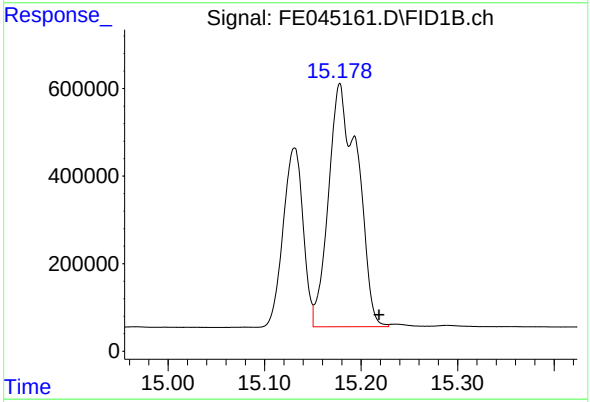
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.025 min
Response: 3736226
Conc: 25.25 ug/ml



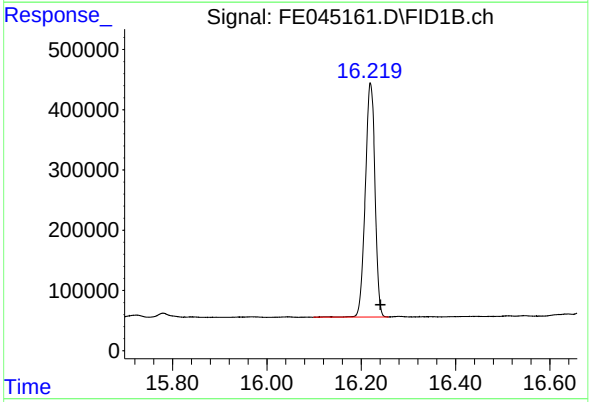
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: -0.025 min
Response: 5780973
Conc: 36.14 ug/ml



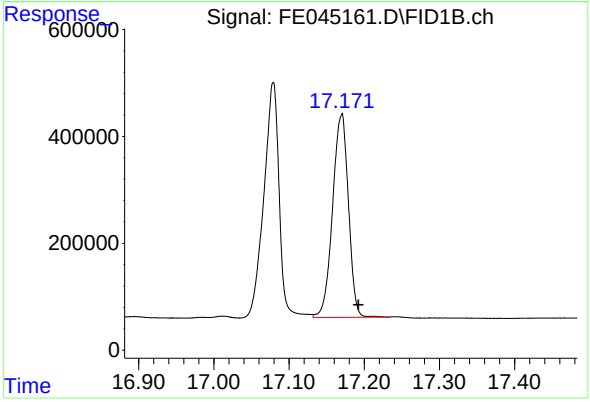
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.041 min
Response: 11663828
Conc: 75.16 ug/ml m



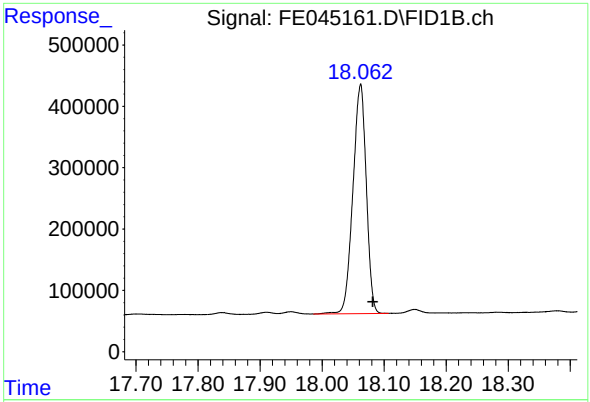
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.021 min
Response: 5525591
Conc: 36.80 ug/ml



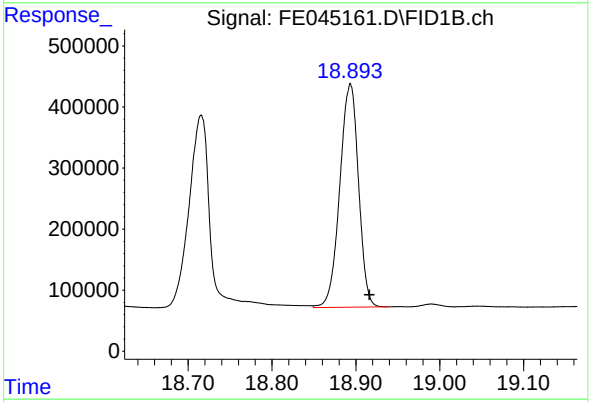
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.022 min
Response: 5571326
Conc: 37.94 ug/ml



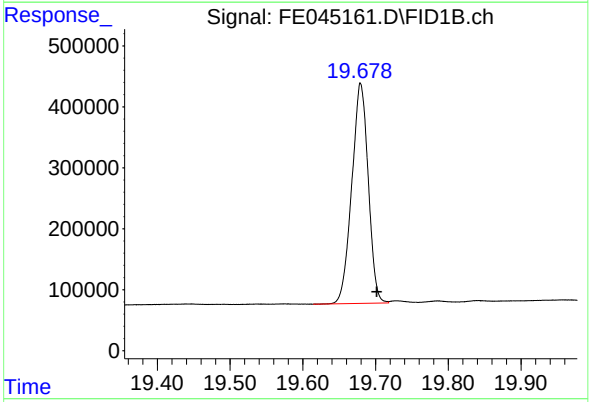
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.020 min
Response: 5593882
Conc: 37.61 ug/ml



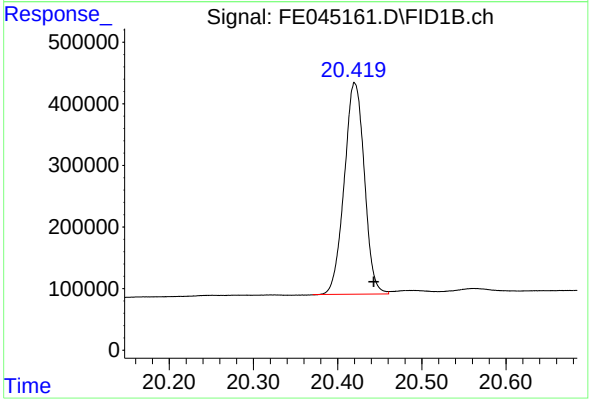
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.023 min
Response: 5677537
Conc: 37.83 ug/ml



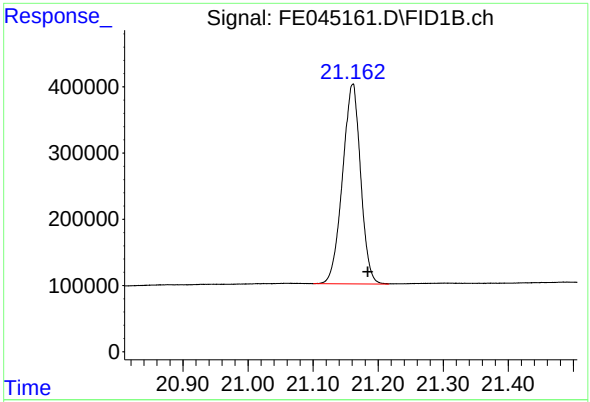
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.022 min
Response: 5667946
Conc: 38.07 ug/ml



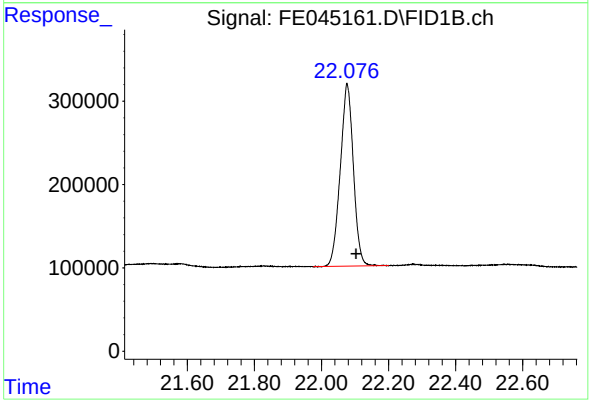
#20 n-Hexatriacontane (C36)

R.T.: 20.419 min
Delta R.T.: -0.024 min
Response: 5689923
Conc: 37.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.022 min
Response: 5829347
Conc: 37.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.027 min
Response: 5923436
Conc: 35.44 ug/ml