

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045143.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 18:21
 Operator : YP\AJ
 Sample : 05171-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-103123MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 02 00:06:29 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)	11.895	6480449	32.327 ug/mlm
Spiked Amount 50.000		Recovery =	64.65%
12) S 1-chlorooctadecane (S...	13.338	8488603	57.361 ug/mlm
Spiked Amount 50.000		Recovery =	114.72%
Target Compounds			
1) T n-Nonane (C9)	3.280	4305212	25.664 ug/ml
2) T n-Decane (C10)	4.531	4958821	29.110 ug/mlm
3) T A~Naphthalene (C11.7)	6.231	5803160	31.348 ug/ml
4) T n-Dodecane (C12)	6.696	5514399	31.945 ug/ml
5) T A~2-methylnaphthalene...	7.327	5831381	32.326 ug/ml
6) T n-Tetradecane (C14)	8.525	5920092	34.524 ug/ml
7) T n-Hexadecane (C16)	10.134	6267708	35.842 ug/ml
8) T n-Octadecane (C18)	11.581	6437478	36.909 ug/ml
10) T n-Eicosane (C20)	12.893	6340957	37.963 ug/ml
11) T n-Heneicosane (C21)	13.506	6008243	36.858 ug/ml
13) T n-Docosane (C22)	14.094	5942986	37.154 ug/ml
14) T n-Tetracosane (C24)	15.182	12072560	77.789 ug/ml
15) T n-Hexacosane (C26)	16.225	5688971	37.892 ug/ml
16) T n-Octacosane (C28)	17.176	5776624	39.339 ug/ml
17) T n-Tricontane (C30)	18.068	5804530	39.027 ug/ml
18) T n-Dotriacontane (C32)	18.900	5796687	38.620 ug/ml
19) T n-Tetratriacontane (C34)	19.687	5806296	39.004 ug/ml
20) T n-Hexatriacontane (C36)	20.428	5816284	37.832 ug/ml
21) T n-Octatriacontane (C38)	21.172	5970084	38.218 ug/mlm
22) T n-Tetracontane (C40)	22.091	6001386	35.910 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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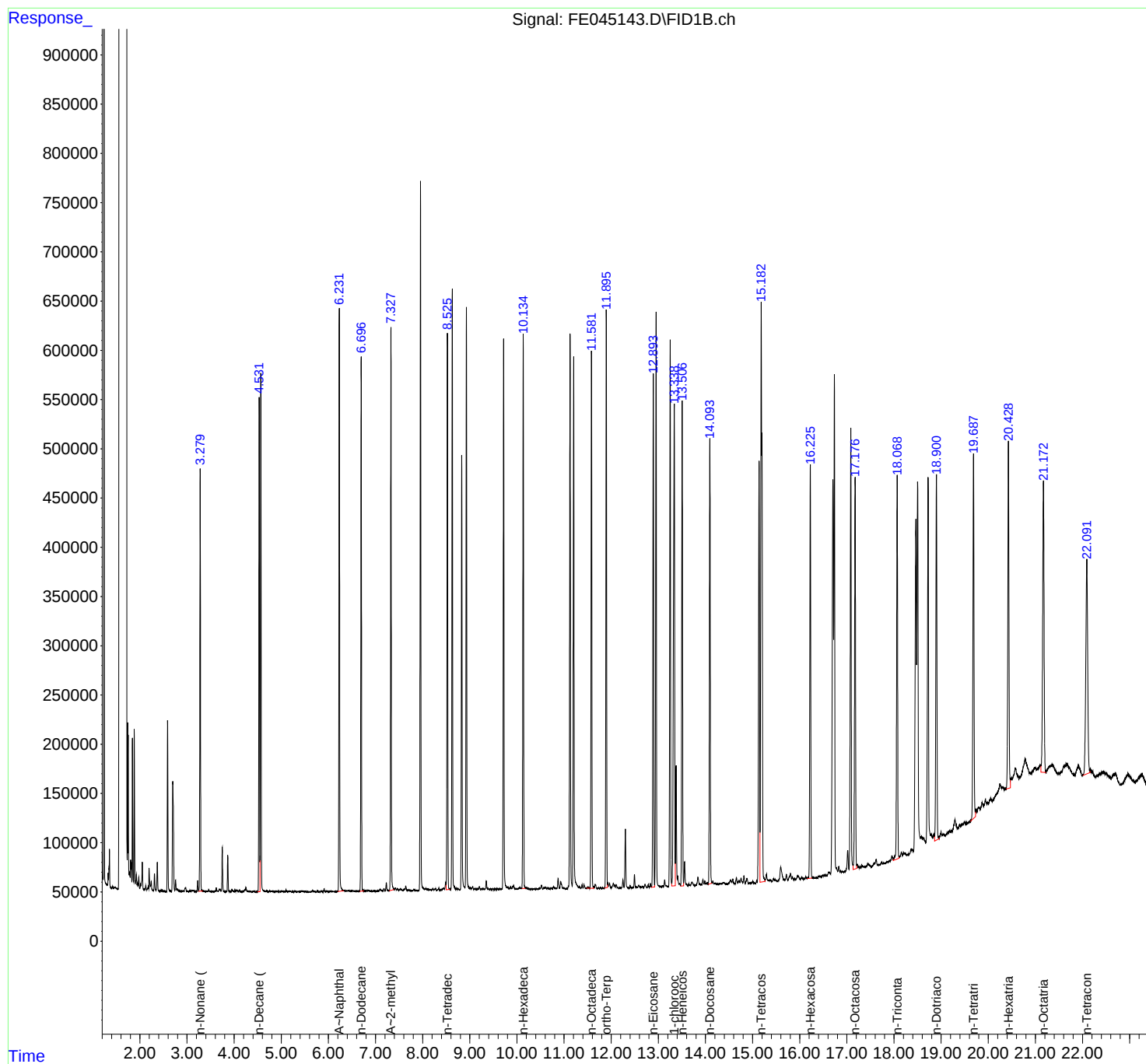
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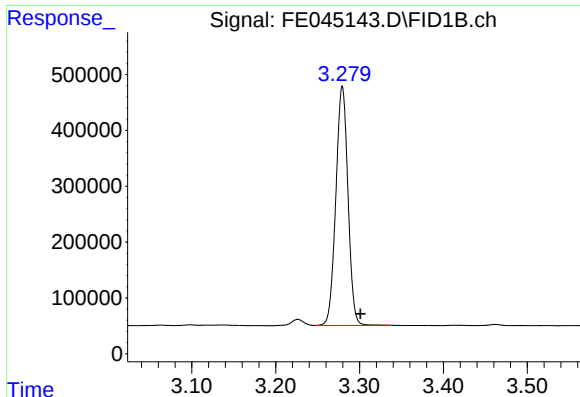
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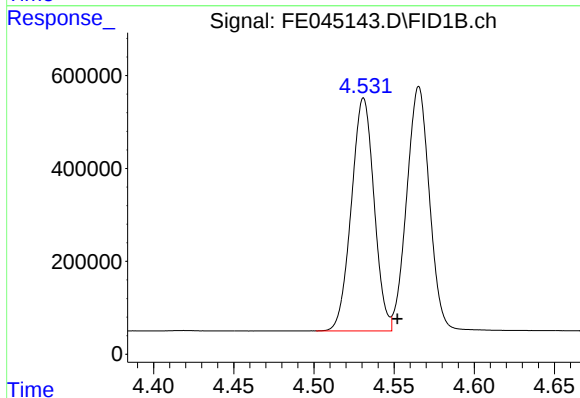
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.021 min
Response: 4305212
Conc: 25.66 ug/ml

Instrument :
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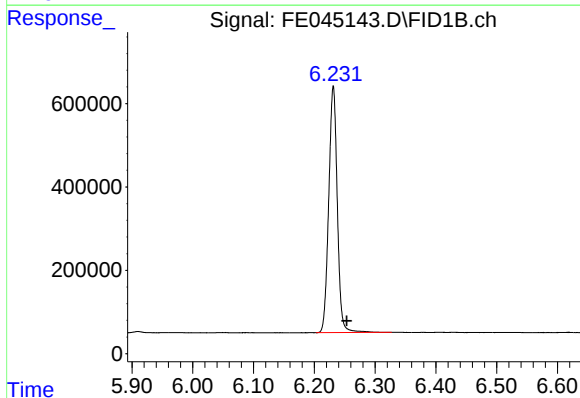
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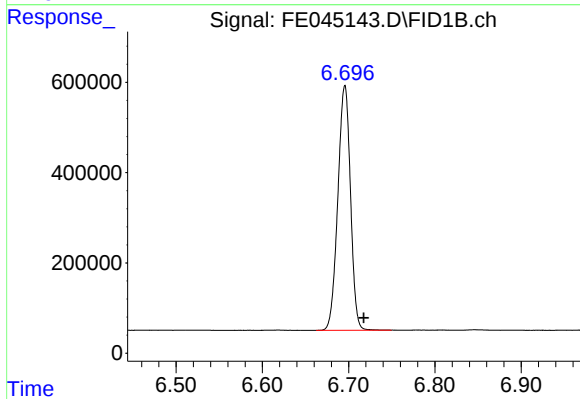
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.021 min
Response: 4958821
Conc: 29.11 ug/ml m



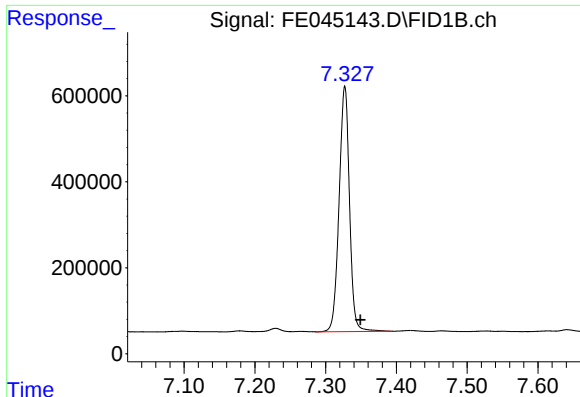
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.022 min
Response: 5803160
Conc: 31.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.022 min
Response: 5514399
Conc: 31.95 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.022 min
Response: 5831381
Conc: 32.33 ug/ml

Instrument :

FID_E

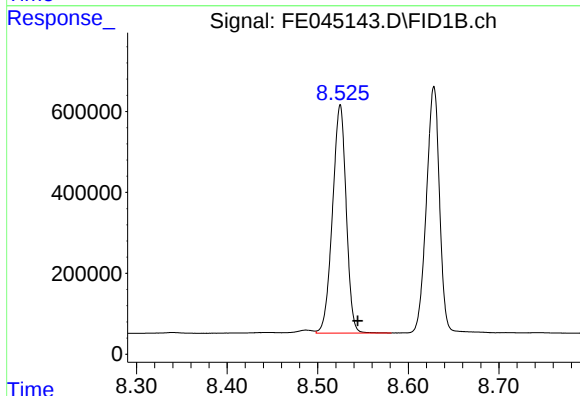
ClientSampleId :

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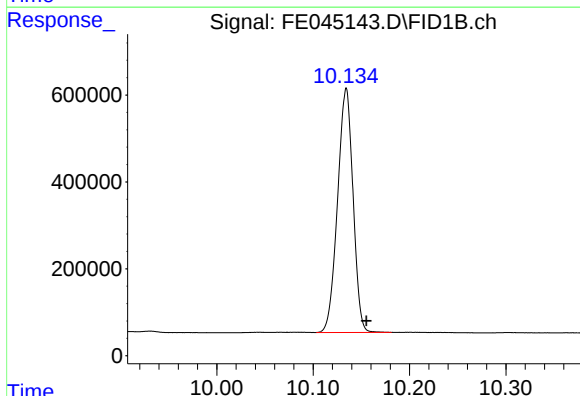
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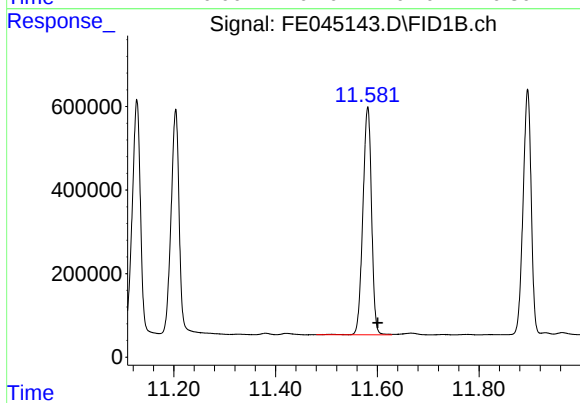
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.020 min
Response: 5920092
Conc: 34.52 ug/ml



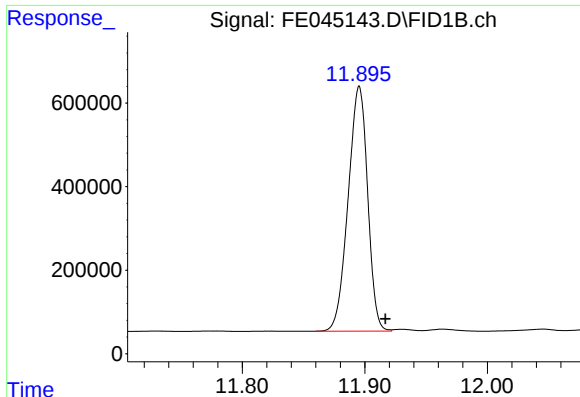
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.021 min
Response: 6267708
Conc: 35.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 6437478
Conc: 36.91 ug/ml



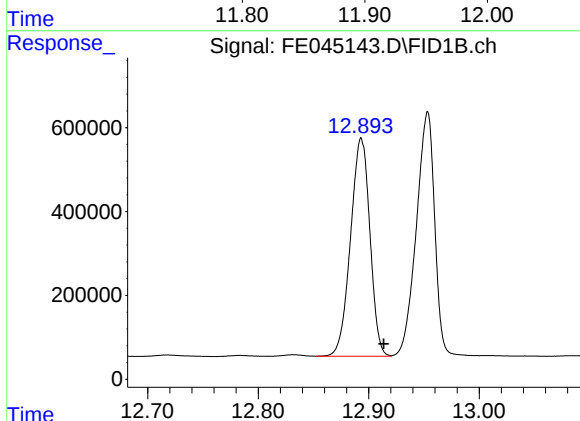
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 6480449
Conc: 32.33 ug/ml

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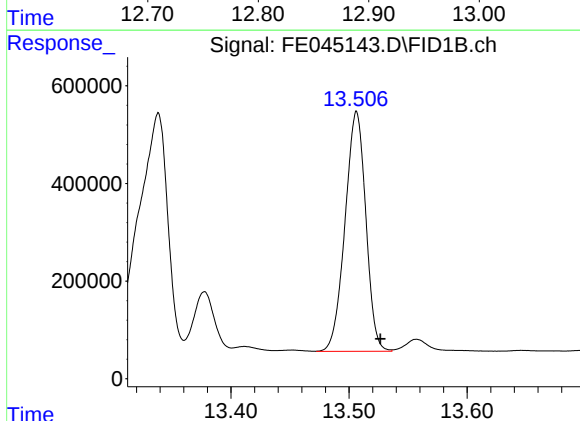
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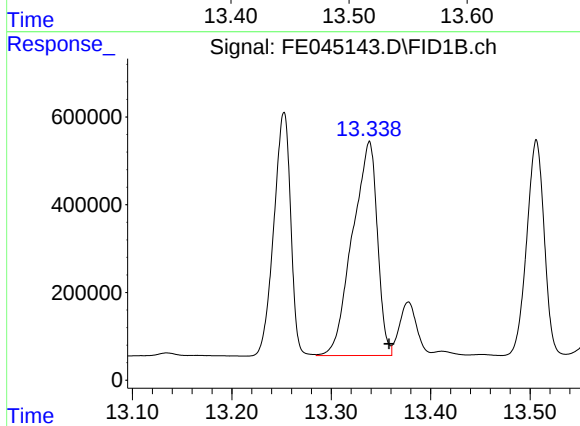
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 6340957
Conc: 37.96 ug/ml



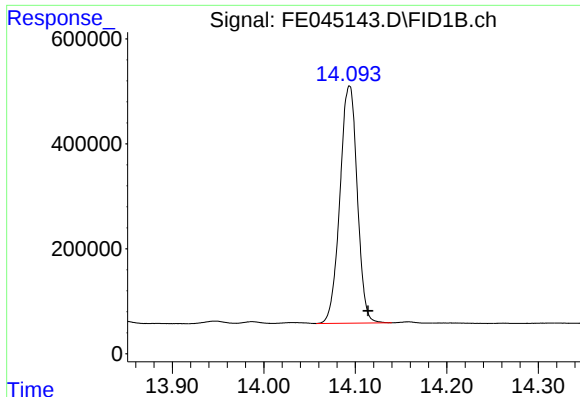
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.020 min
Response: 6008243
Conc: 36.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.020 min
Response: 8488603
Conc: 57.36 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.020 min
Response: 5942986
Conc: 37.15 ug/ml

Instrument :

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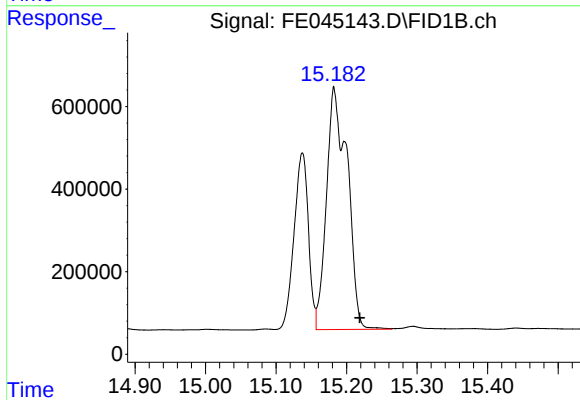
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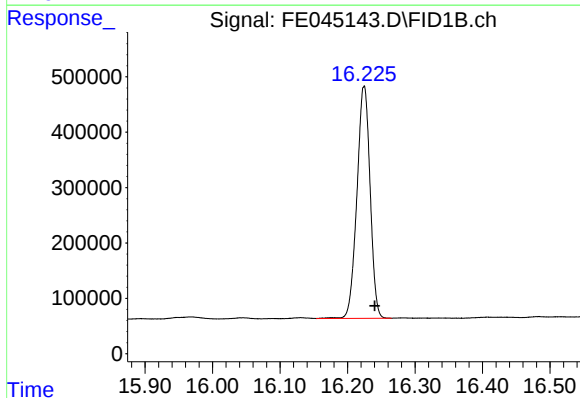
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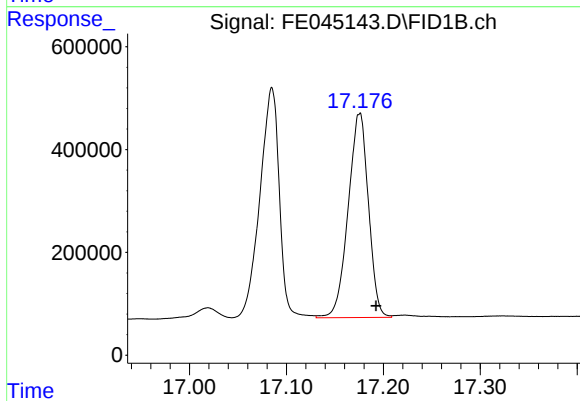
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.036 min
Response: 12072560
Conc: 77.79 ug/ml



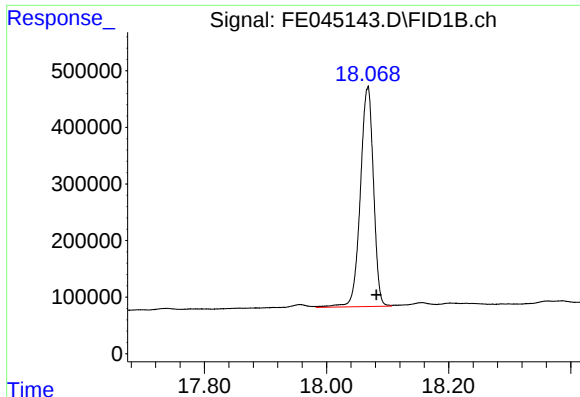
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.016 min
Response: 5688971
Conc: 37.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.017 min
Response: 5776624
Conc: 39.34 ug/ml



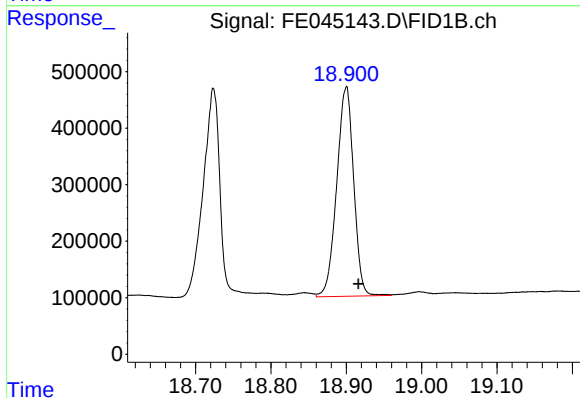
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 5804530
Conc: 39.03 ug/ml

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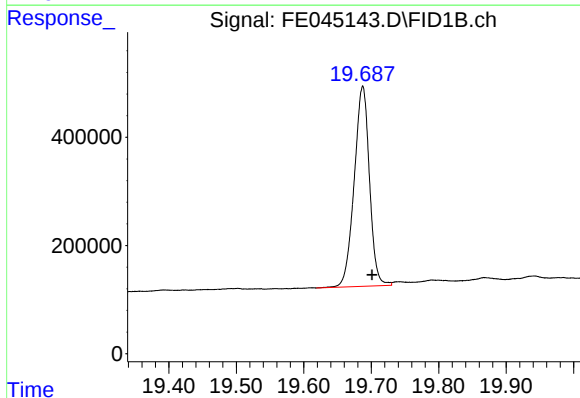
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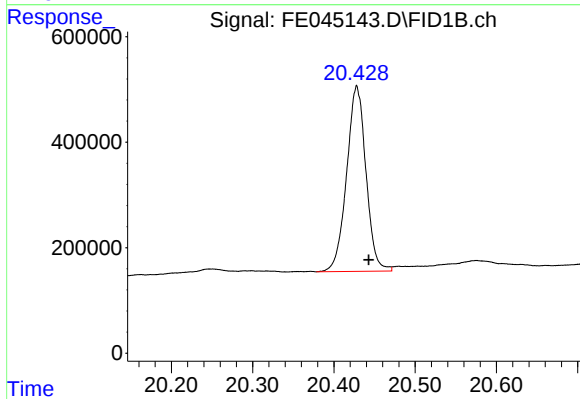
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.016 min
Response: 5796687
Conc: 38.62 ug/ml



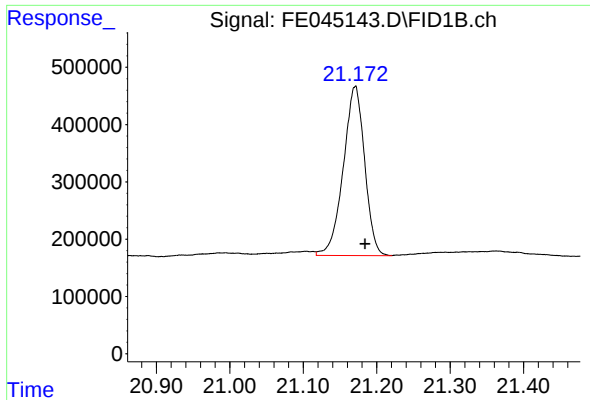
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.014 min
Response: 5806296
Conc: 39.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.015 min
Response: 5816284
Conc: 37.83 ug/ml



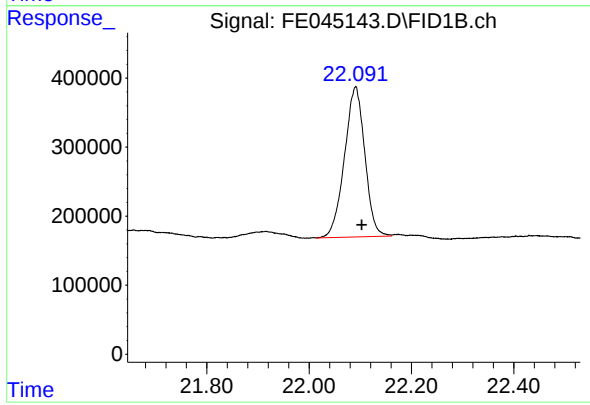
#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.013 min
Response: 5970084
Conc: 38.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.012 min
Response: 6001386
Conc: 35.91 ug/ml