

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045185.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 19:28
 Operator : YP\AJ
 Sample : 05234-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-BMS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 03 23:04:41 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	6489895	32.374 ug/mlm
Spiked Amount 50.000		Recovery =	64.75%
12) S 1-chlorooctadecane (S...	13.336	4893662	33.068 ug/ml
Spiked Amount 50.000		Recovery =	66.14%
Target Compounds			
1) T n-Nonane (C9)	3.277	4099805	24.440 ug/ml
2) T n-Decane (C10)	4.528	4622362	27.134 ug/mlm
3) T A~Naphthalene (C11.7)	6.228	5405069	29.198 ug/ml
4) T n-Dodecane (C12)	6.693	5115786	29.636 ug/ml
5) T A~2-methylnaphthalene...	7.324	5426407	30.081 ug/ml
6) T n-Tetradecane (C14)	8.521	5671241	33.073 ug/ml
7) T n-Hexadecane (C16)	10.132	6351186	36.320 ug/ml
8) T n-Octadecane (C18)	11.580	6590034	37.784 ug/mlm
10) T n-Eicosane (C20)	12.892	6272740	37.555 ug/mlm
11) T n-Heneicosane (C21)	13.505	5948770	36.493 ug/ml
13) T n-Docosane (C22)	14.092	5849897	36.573 ug/ml
14) T n-Tetracosane (C24)	15.180	11320167	72.941 ug/ml
15) T n-Hexacosane (C26)	16.221	5546235	36.942 ug/ml
16) T n-Octacosane (C28)	17.171	5610778	38.209 ug/mlm
17) T n-Tricontane (C30)	18.062	5621396	37.796 ug/ml
18) T n-Dotriacontane (C32)	18.895	5802958	38.662 ug/ml
19) T n-Tetratriacontane (C34)	19.679	5776725	38.805 ug/ml
20) T n-Hexatriacontane (C36)	20.423	5648033	36.737 ug/ml
21) T n-Octatriacontane (C38)	21.164	6033899	38.627 ug/ml
22) T n-Tetracontane (C40)	22.081	5796063	34.682 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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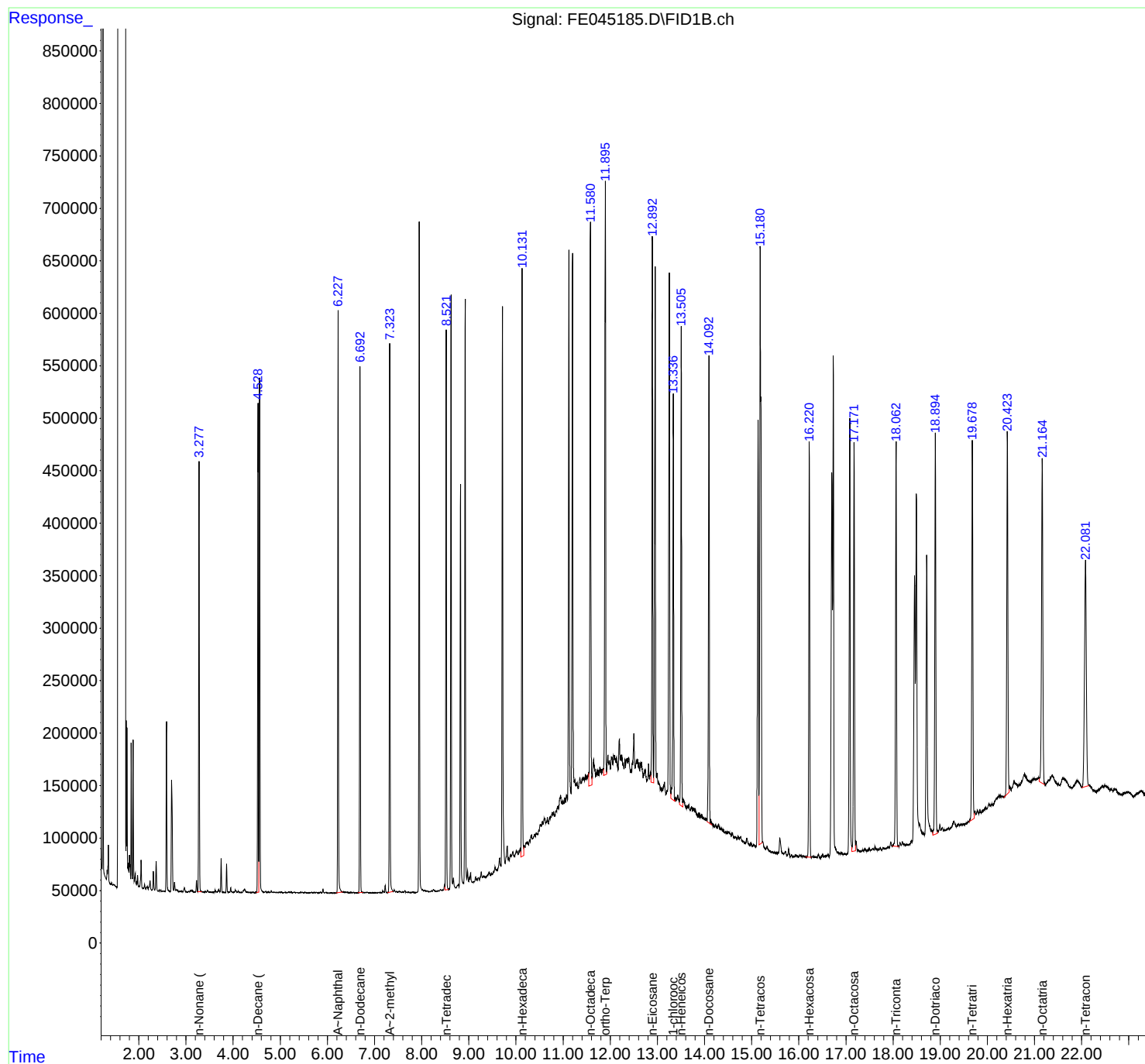
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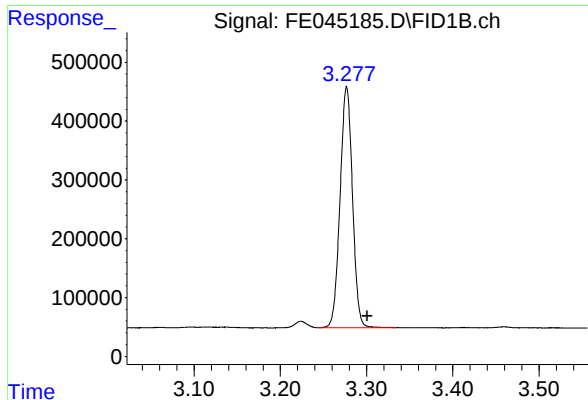
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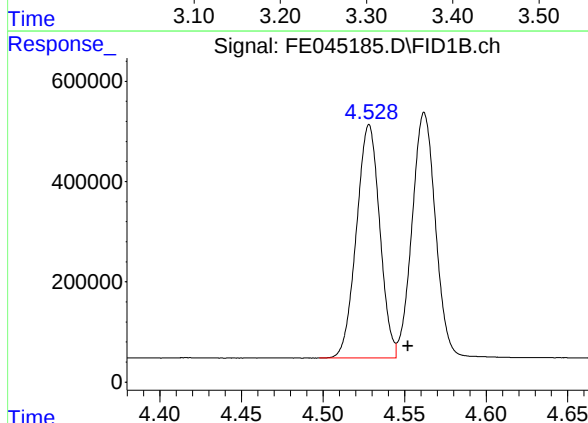
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.024 min
Response: 4099805
Conc: 24.44 ug/ml

Instrument :
FID_E
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SP-BMS

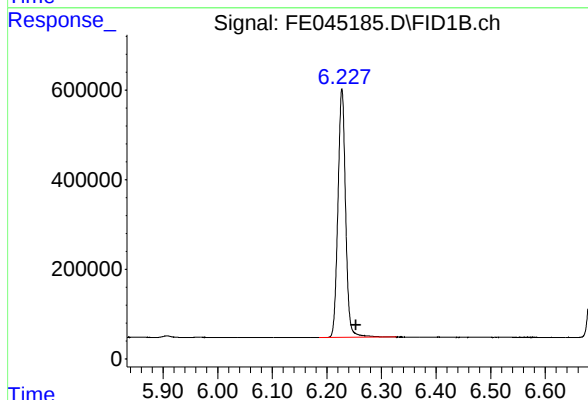
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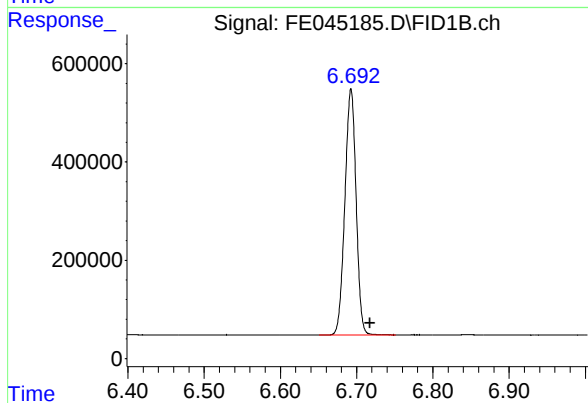
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: -0.024 min
Response: 4622362
Conc: 27.13 ug/ml



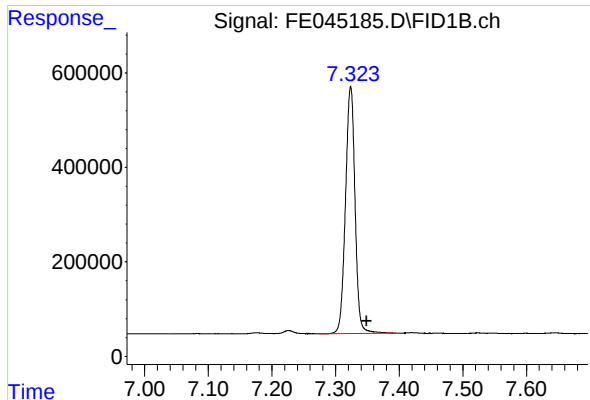
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.025 min
Response: 5405069
Conc: 29.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.025 min
Response: 5115786
Conc: 29.64 ug/ml



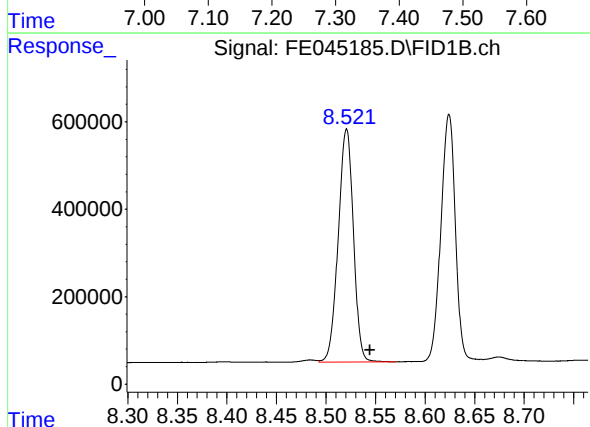
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.025 min
Response: 5426407
Conc: 30.08 ug/ml

Instrument :
FID_E
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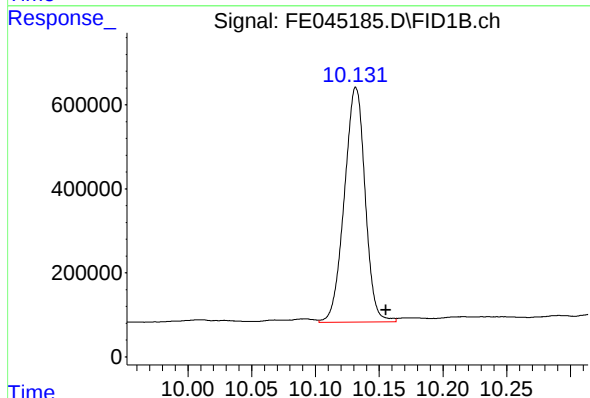
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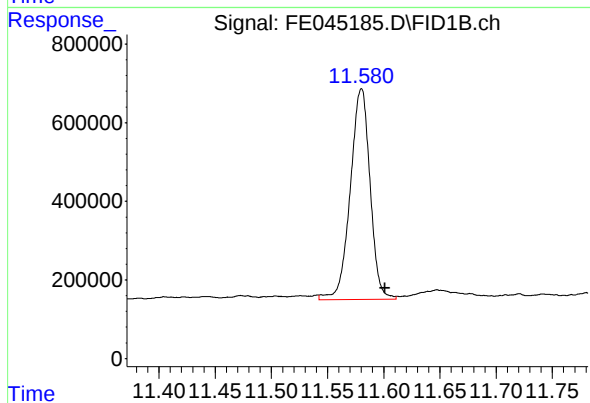
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.024 min
Response: 5671241
Conc: 33.07 ug/ml



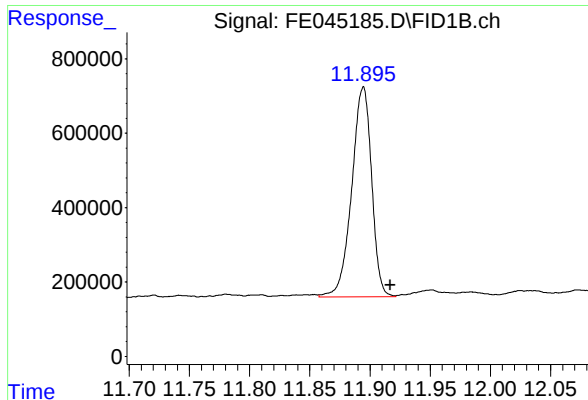
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.024 min
Response: 6351186
Conc: 36.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: -0.021 min
Response: 6590034
Conc: 37.78 ug/ml m



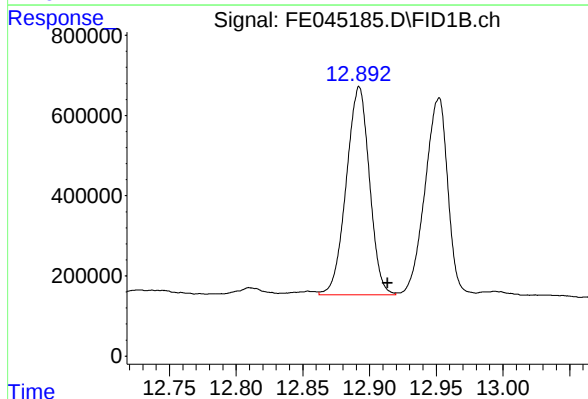
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 6489895
Conc: 32.37 ug/ml

Instrument :
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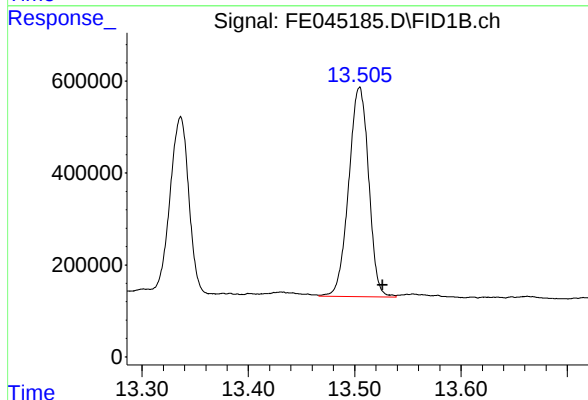
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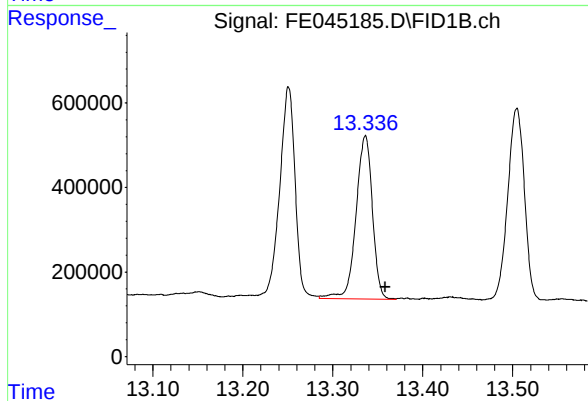
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.022 min
Response: 6272740
Conc: 37.55 ug/ml m



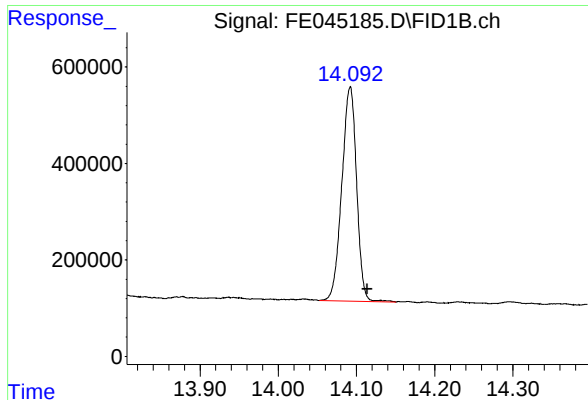
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.022 min
Response: 5948770
Conc: 36.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.022 min
Response: 4893662
Conc: 33.07 ug/ml



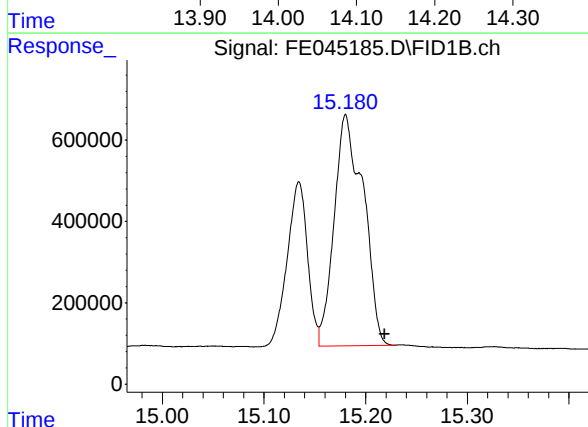
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 5849897
Conc: 36.57 ug/ml

Instrument :
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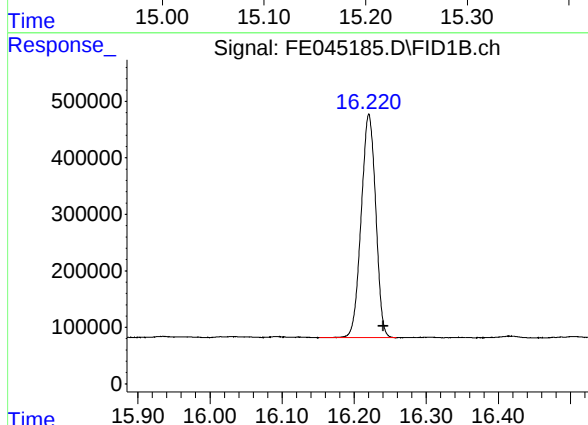
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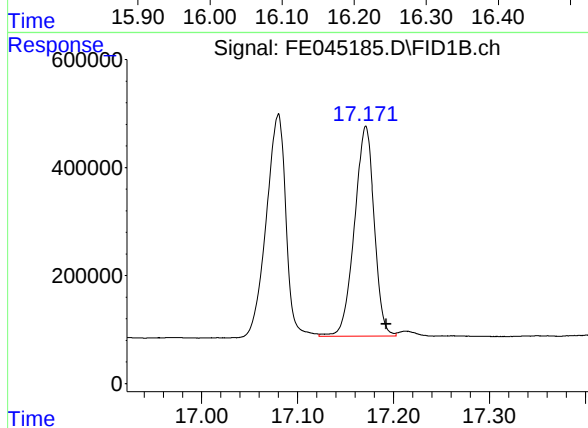
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.038 min
Response: 11320167
Conc: 72.94 ug/ml



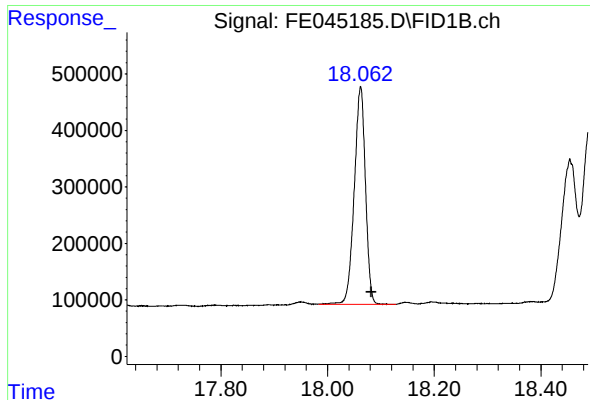
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.020 min
Response: 5546235
Conc: 36.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: -0.022 min
Response: 5610778
Conc: 38.21 ug/ml m



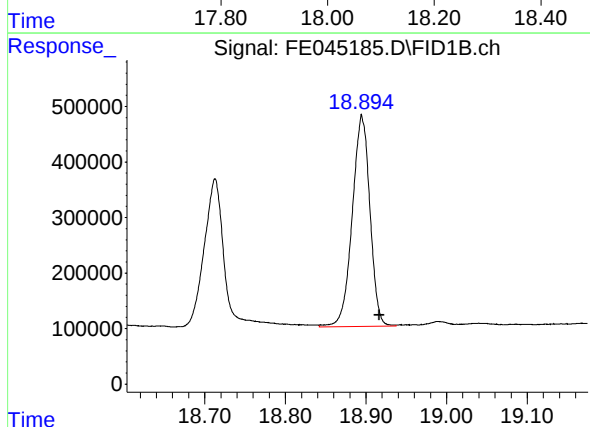
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.020 min
Response: 5621396
Conc: 37.80 ug/ml

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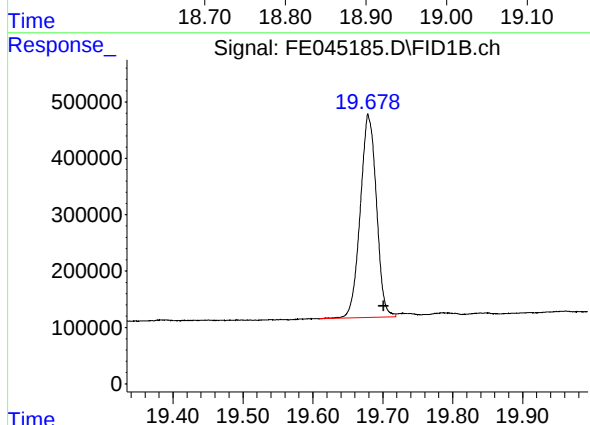
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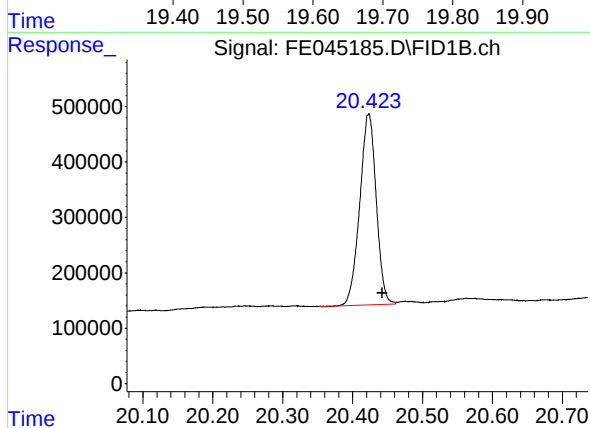
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.021 min
Response: 5802958
Conc: 38.66 ug/ml



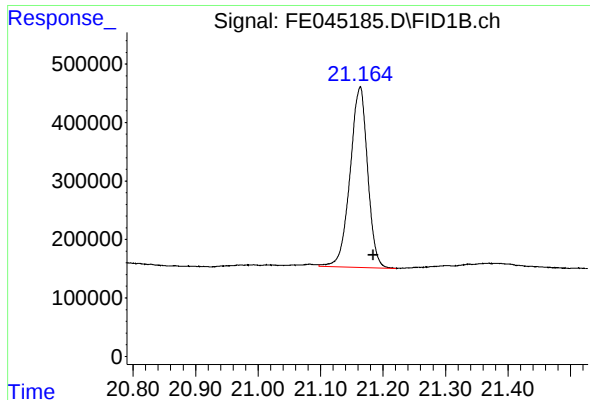
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.022 min
Response: 5776725
Conc: 38.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.020 min
Response: 5648033
Conc: 36.74 ug/ml



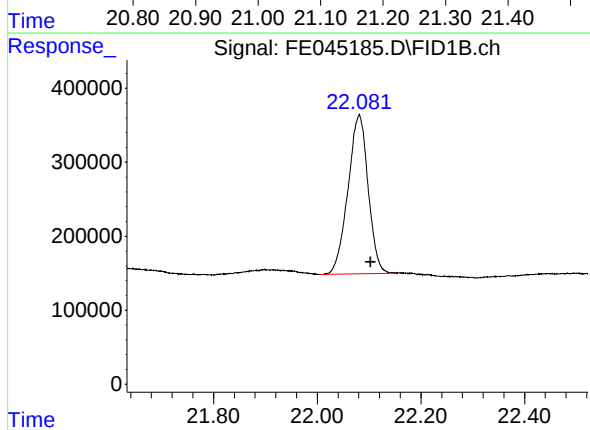
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.021 min
Response: 6033899
Conc: 38.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.022 min
Response: 5796063
Conc: 34.68 ug/ml