

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051574.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 17:35
 Operator : YP\AJ
 Sample : P5137-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-OILY-STONESMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: autoint1.e
 Quant Time: Dec 07 04:11:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.829	5061590	33.495 ug/mlm
Spiked Amount 50.000		Recovery =	66.99%
12) S 1-chlorooctadecane (S...	13.260	4464906	39.954 ug/mlm
Spiked Amount 50.000		Recovery =	79.91%
Target Compounds			
1) T n-Nonane (C9)	3.219	3971208	28.335 ug/ml
2) T n-Decane (C10)	4.467	4585448	32.335 ug/ml
3) T A~Naphthalene (C11.7)	6.178	5114814	38.692 ug/ml
4) T n-Dodecane (C12)	6.633	5495040	38.604 ug/ml
5) T A~2-methylnaphthalene...	7.274	5005484	41.725 ug/ml
6) T n-Tetradecane (C14)	8.461	6030451	43.260 ug/ml
7) T n-Hexadecane (C16)	10.065	6048396	42.570 ug/mlm
8) T n-Octadecane (C18)	11.508	6209833	43.211 ug/mlm
10) T n-Eicosane (C20)	12.815	6265537	45.389 ug/ml
11) T n-Heneicosane (C21)	13.426	5868994	43.298 ug/mlm
13) T n-Docosane (C22)	14.010	5805146	43.354 ug/mlm
14) T n-Tetracosane (C24)	15.112	10988408	83.161 ug/mlm
15) T n-Hexacosane (C26)	16.130	5706586	44.006 ug/ml
16) T n-Octacosane (C28)	17.078	6727058	52.763 ug/ml
17) T n-Tricontane (C30)	17.965	5729237	44.247 ug/ml
18) T n-Dotriacontane (C32)	18.796	5902040	47.145 ug/mlm
19) T n-Tetratriacontane (C34)	19.580	5661133	50.125 ug/ml
20) T n-Hexatriacontane (C36)	20.318	5577969	57.919 ug/ml
21) T n-Octatriacontane (C38)	21.037	5643461	61.985 ug/ml
22) T n-Tetracontane (C40)	21.910	5710573	65.162 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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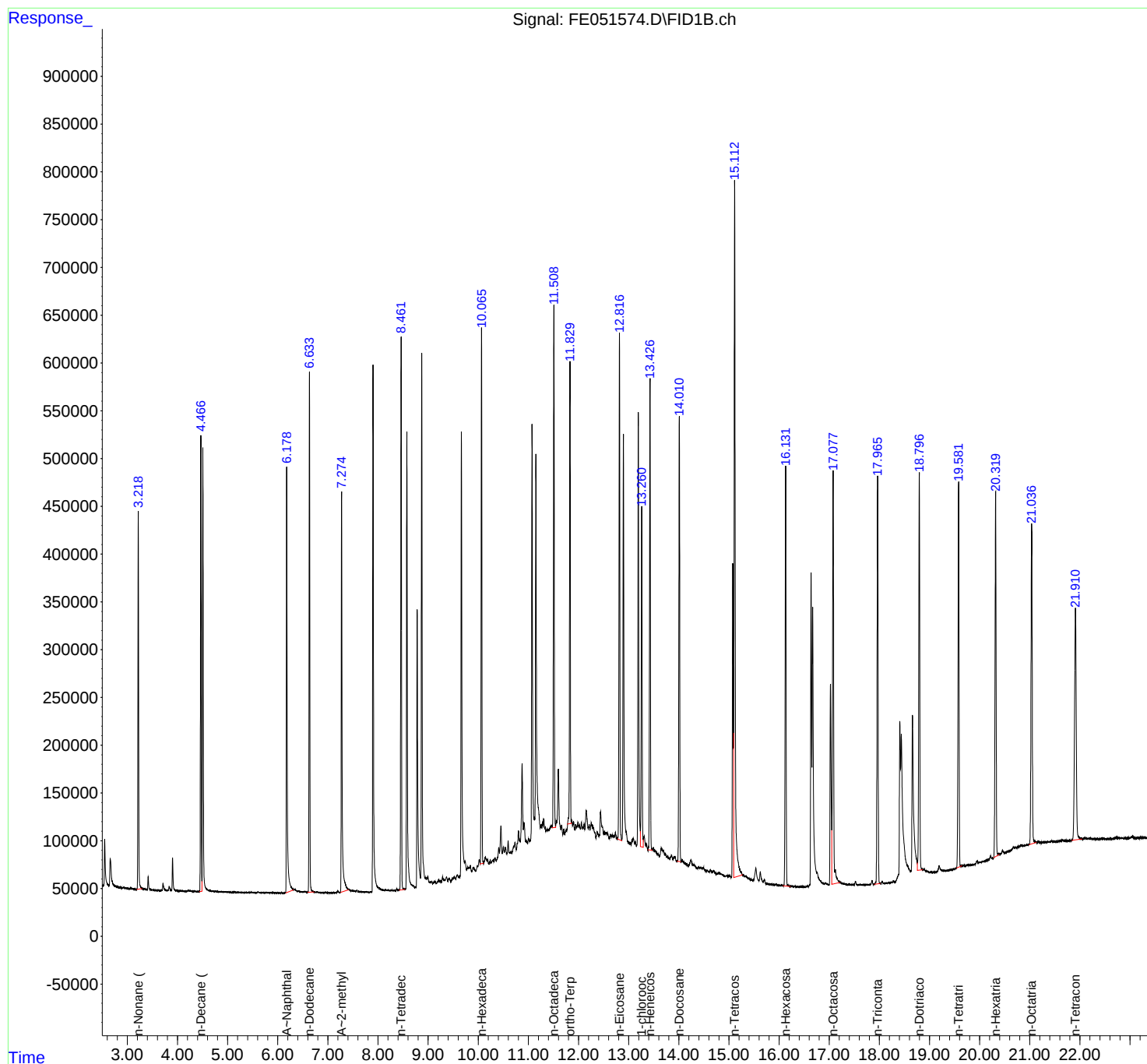
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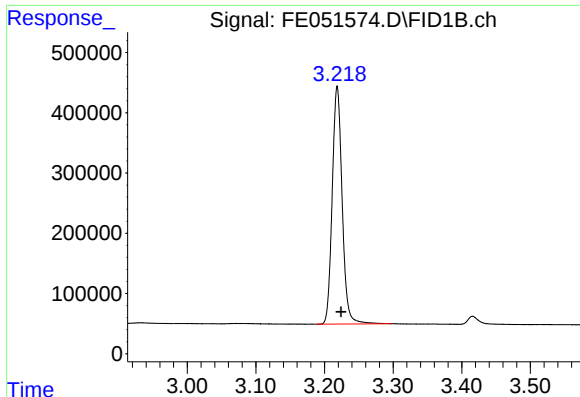
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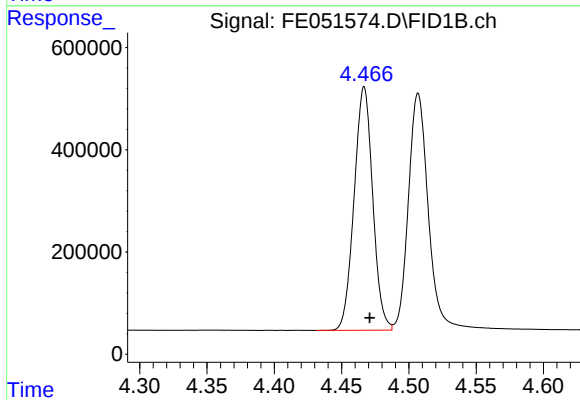
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 3971208
Conc: 28.34 ug/ml

Instrument :
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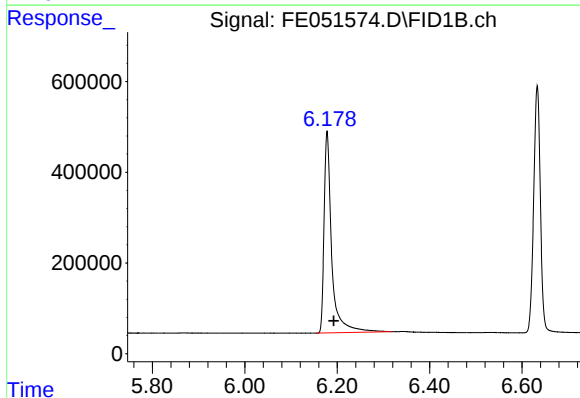
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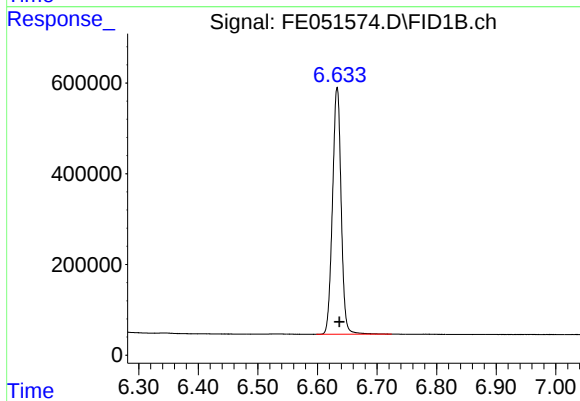
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 4585448
Conc: 32.34 ug/ml



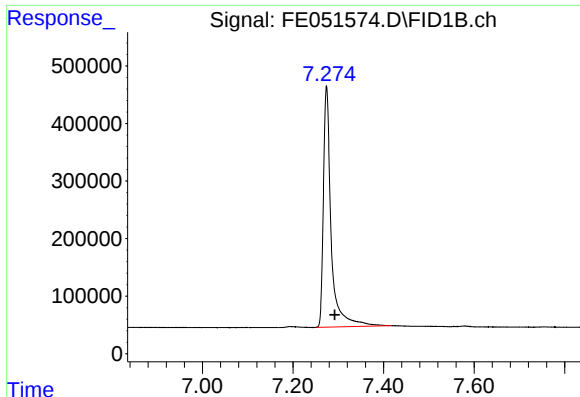
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.014 min
Response: 5114814
Conc: 38.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 5495040
Conc: 38.60 ug/ml



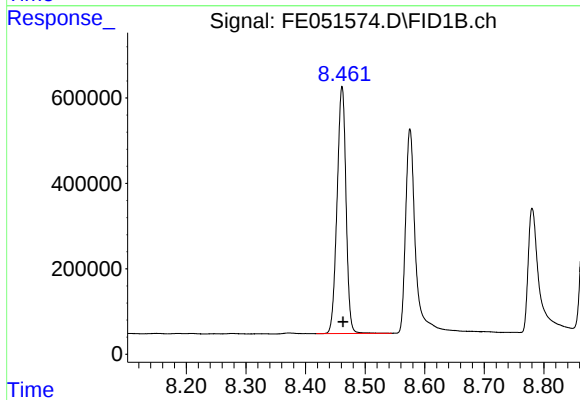
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.018 min
Response: 5005484
Conc: 41.72 ug/ml

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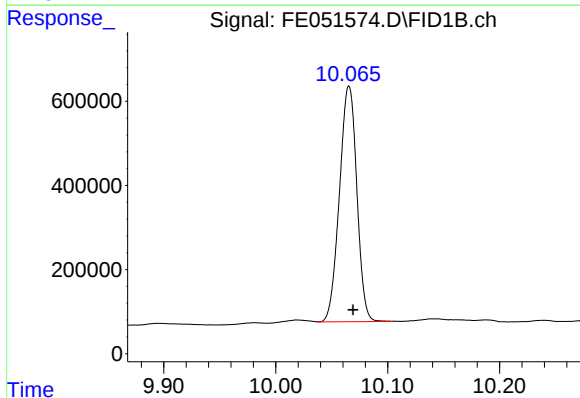
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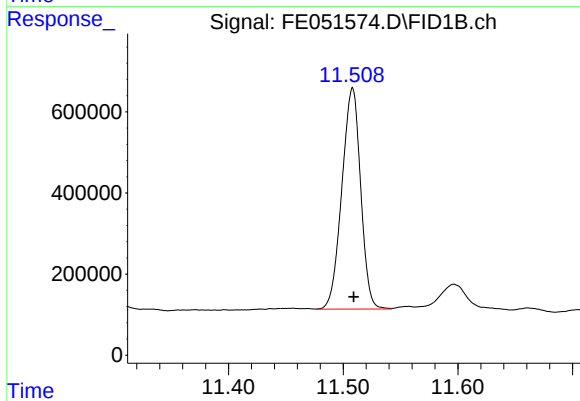
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 6030451
Conc: 43.26 ug/ml



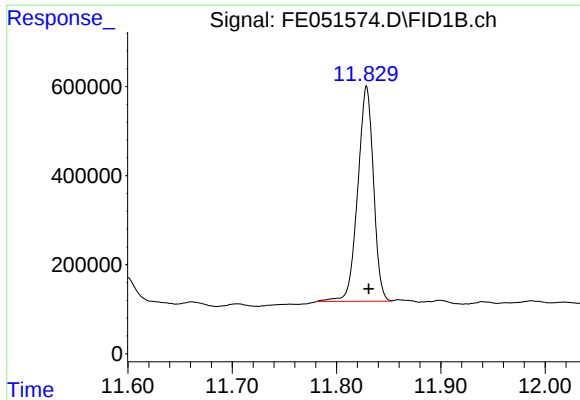
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 6048396
Conc: 42.57 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.001 min
Response: 6209833
Conc: 43.21 ug/ml m



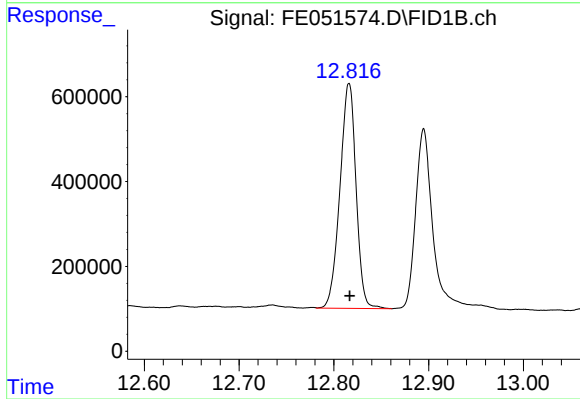
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.002 min
Response: 5061590
Conc: 33.49 ug/ml

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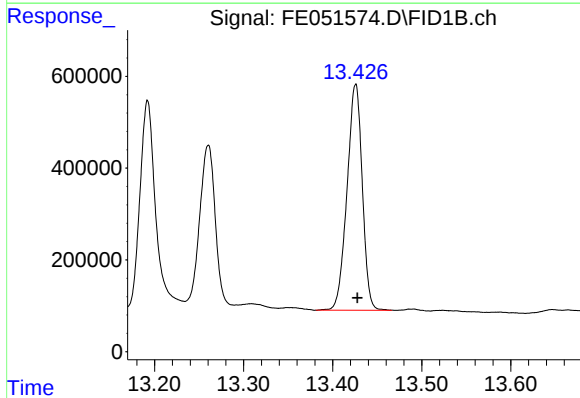
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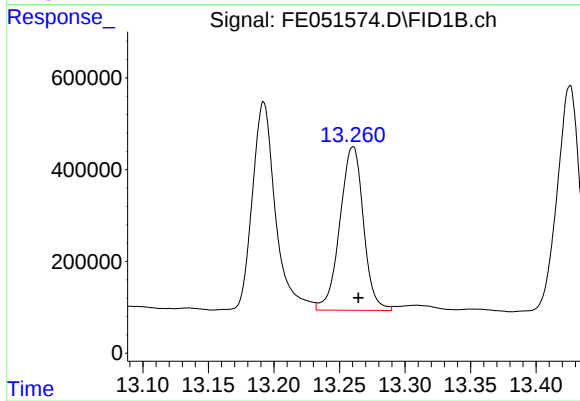
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 6265537
Conc: 45.39 ug/ml



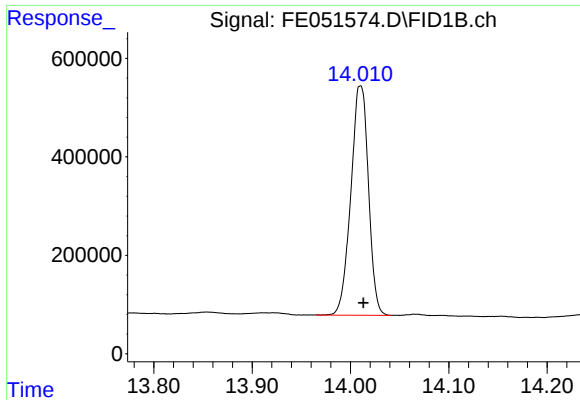
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 5868994
Conc: 43.30 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 4464906
Conc: 39.95 ug/ml m



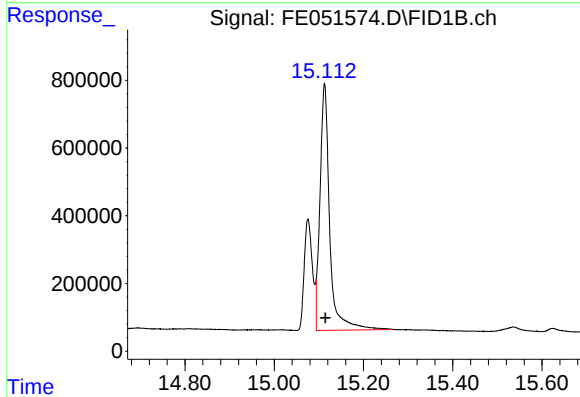
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.003 min
Response: 5805146
Conc: 43.35 ug/ml

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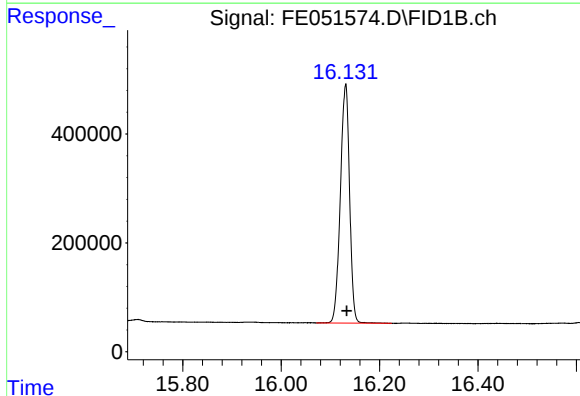
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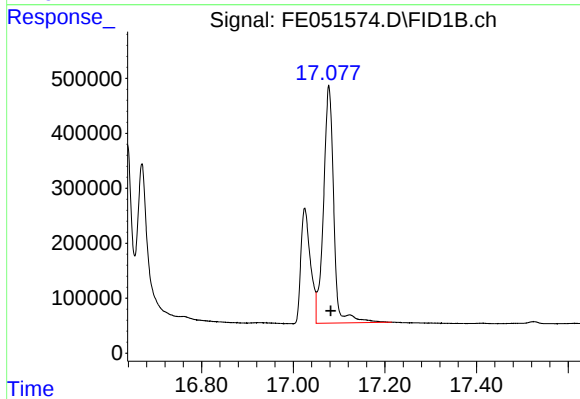
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.002 min
Response: 10988408
Conc: 83.16 ug/ml m



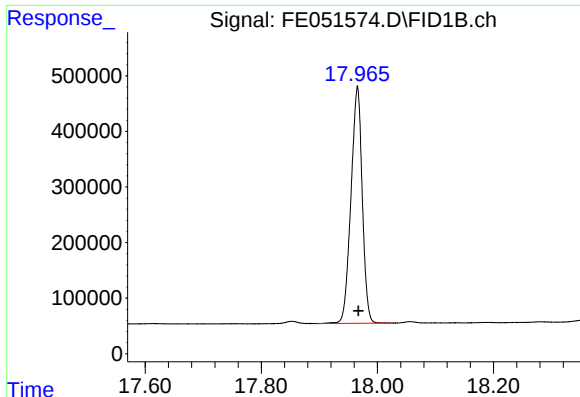
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.003 min
Response: 5706586
Conc: 44.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.078 min
Delta R.T.: -0.005 min
Response: 6727058
Conc: 52.76 ug/ml



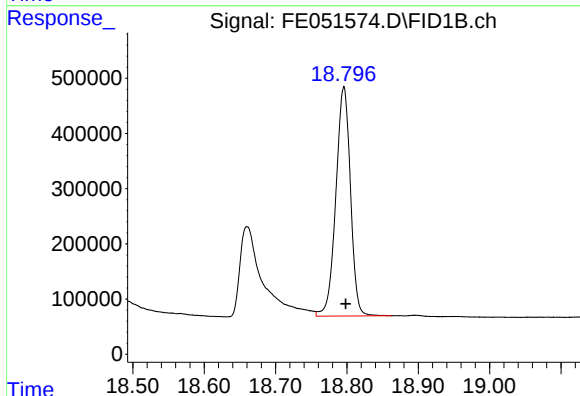
#17 n-Tricontane (C30)

R.T.: 17.965 min
Delta R.T.: -0.003 min
Response: 5729237
Conc: 44.25 ug/ml

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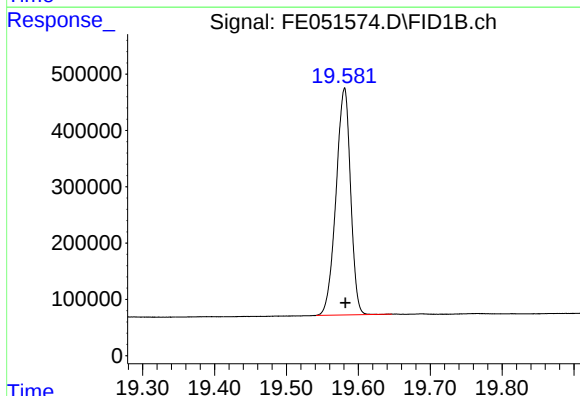
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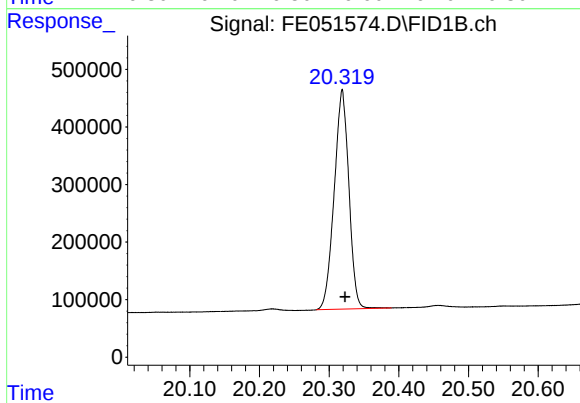
#18 n-Dotriacontane (C32)

R.T.: 18.796 min
Delta R.T.: -0.003 min
Response: 5902040
Conc: 47.15 ug/ml m



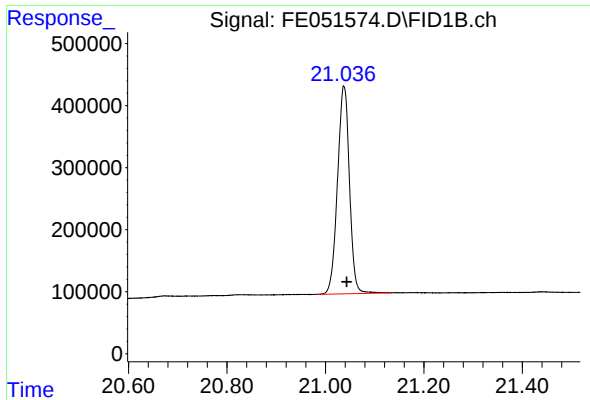
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 5661133
Conc: 50.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.318 min
Delta R.T.: -0.005 min
Response: 5577969
Conc: 57.92 ug/ml



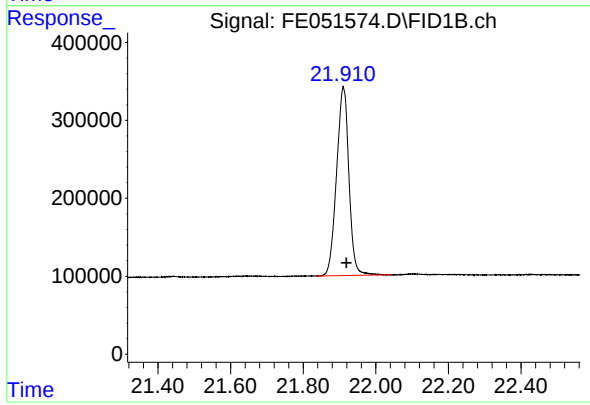
#21 n-Octatriacontane (C38)

R.T.: 21.037 min
Delta R.T.: -0.006 min
Response: 5643461
Conc: 61.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.010 min
Response: 5710573
Conc: 65.16 ug/ml m