

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051575.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 18:05
 Operator : YP\AJ
 Sample : P5137-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-OILY-STONESMSD

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 04:11:46 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)	11.828	5059578	33.481 ug/mlm
Spiked Amount 50.000		Recovery =	66.96%
12) S 1-chlorooctadecane (S...	13.260	4506563	40.326 ug/mlm
Spiked Amount 50.000		Recovery =	80.65%
Target Compounds			
1) T n-Nonane (C9)	3.219	4026507	28.730 ug/ml
2) T n-Decane (C10)	4.467	4649397	32.786 ug/ml
3) T A~Naphthalene (C11.7)	6.178	5204860	39.373 ug/ml
4) T n-Dodecane (C12)	6.632	5579338	39.197 ug/ml
5) T A~2-methylnaphthalene...	7.274	5107131	42.572 ug/ml
6) T n-Tetradecane (C14)	8.460	6109717	43.829 ug/ml
7) T n-Hexadecane (C16)	10.066	6118864	43.066 ug/mlm
8) T n-Octadecane (C18)	11.507	6283640	43.724 ug/mlm
10) T n-Eicosane (C20)	12.815	6377821	46.202 ug/ml
11) T n-Heneicosane (C21)	13.426	5923193	43.698 ug/mlm
13) T n-Docosane (C22)	14.011	5907700	44.120 ug/mlm
14) T n-Tetracosane (C24)	15.113	11265556	85.258 ug/mlm
15) T n-Hexacosane (C26)	16.130	5790826	44.656 ug/ml
16) T n-Octacosane (C28)	17.077	6803499	53.363 ug/ml
17) T n-Tricontane (C30)	17.965	5854161	45.212 ug/ml
18) T n-Dotriacontane (C32)	18.796	6059389	48.402 ug/mlm
19) T n-Tetratriacontane (C34)	19.578	5815636	51.493 ug/ml
20) T n-Hexatriacontane (C36)	20.317	5729390	59.491 ug/ml
21) T n-Octatriacontane (C38)	21.037	5788201	63.575 ug/ml
22) T n-Tetracontane (C40)	21.911	5785077	66.013 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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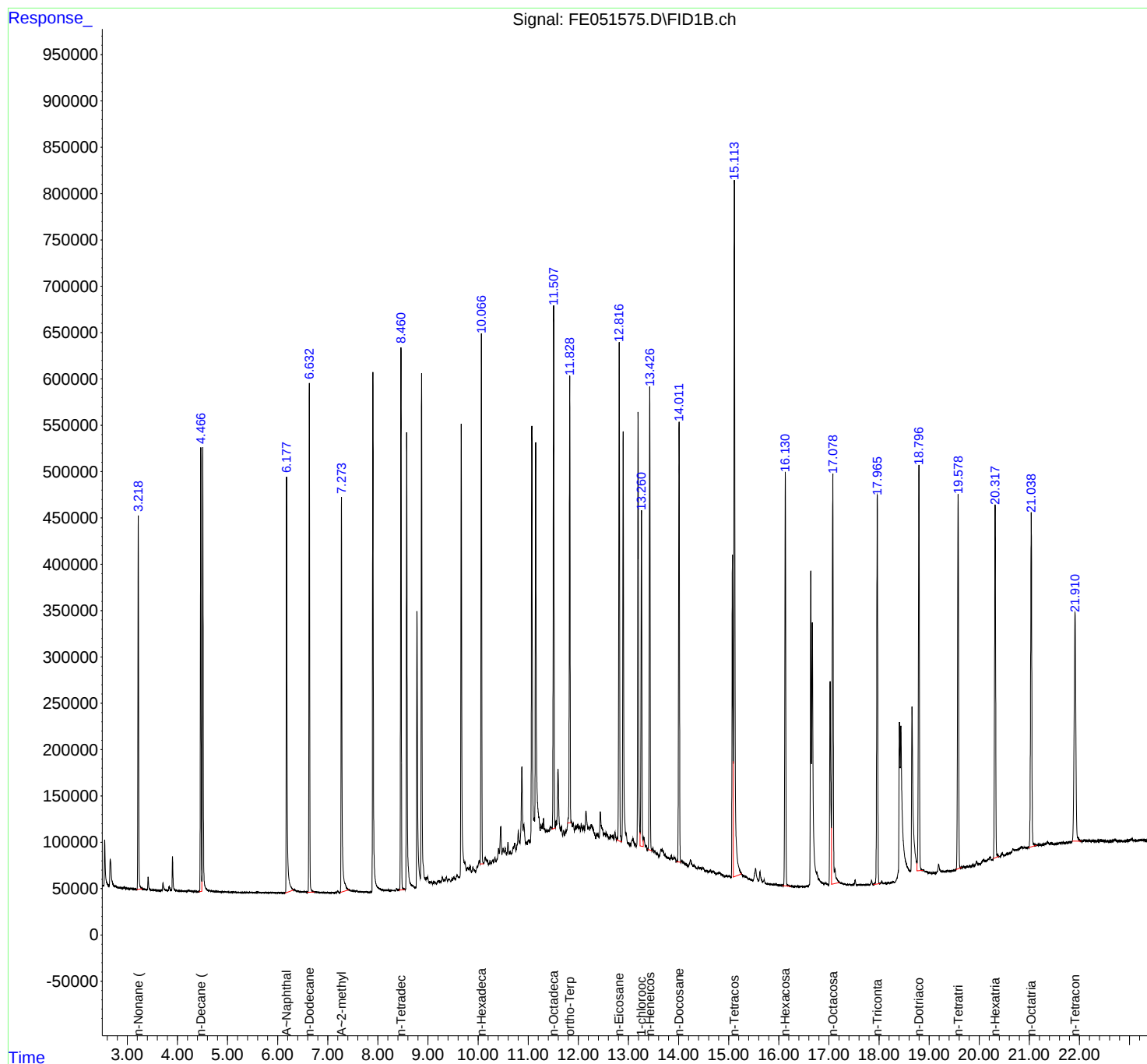
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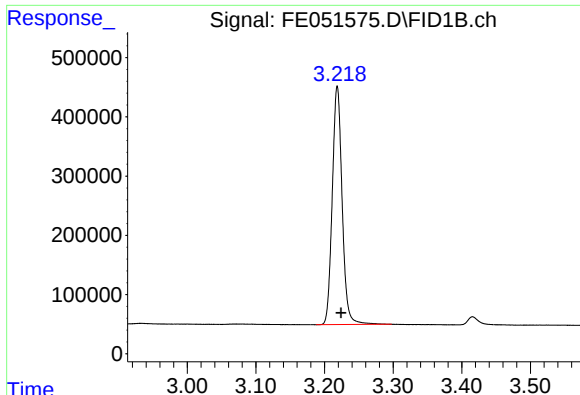
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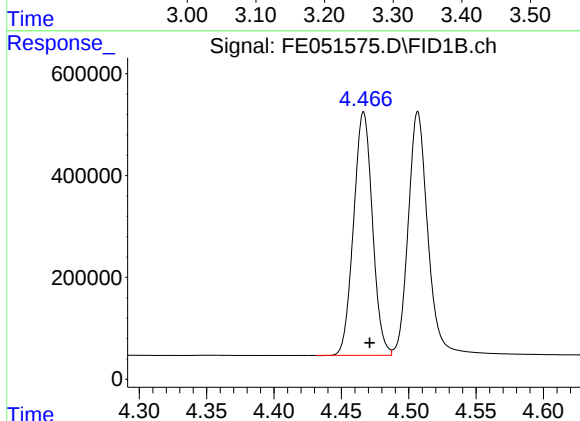
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 4026507
Conc: 28.73 ug/ml

Instrument :
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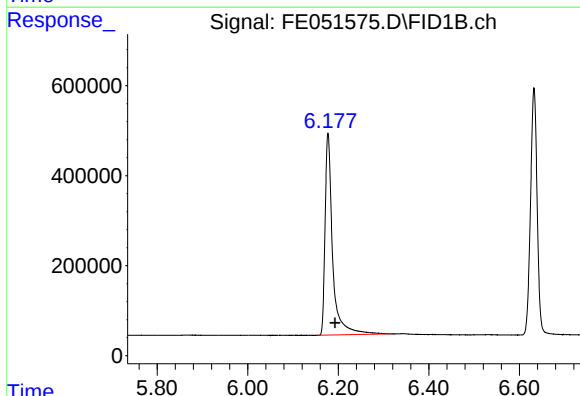
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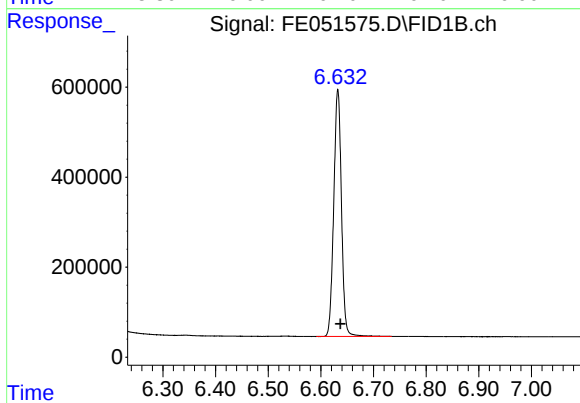
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.005 min
Response: 4649397
Conc: 32.79 ug/ml



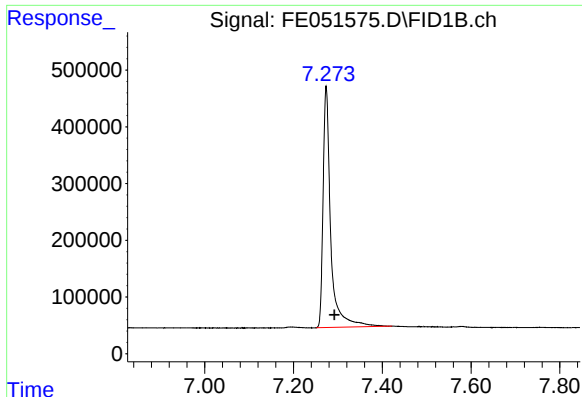
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.015 min
Response: 5204860
Conc: 39.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 5579338
Conc: 39.20 ug/ml



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

R.T.: 7.274 min
Delta R.T.: -0.018 min
Response: 5107131
Conc: 42.57 ug/ml

Instrument :

FID_E

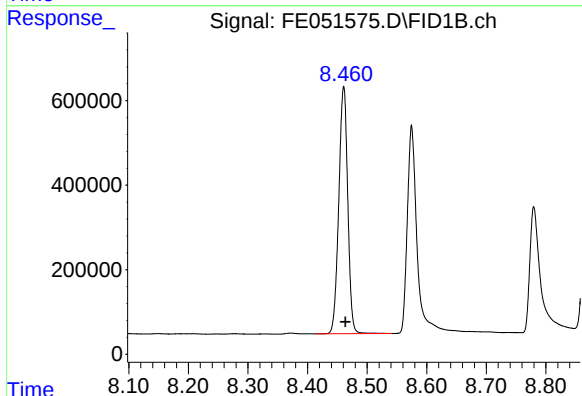
ClientSampleId :

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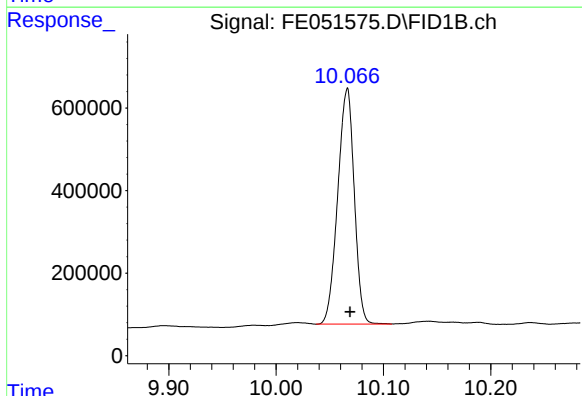
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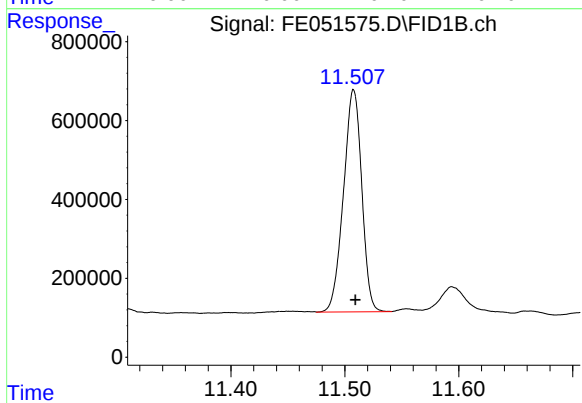
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 6109717
Conc: 43.83 ug/ml



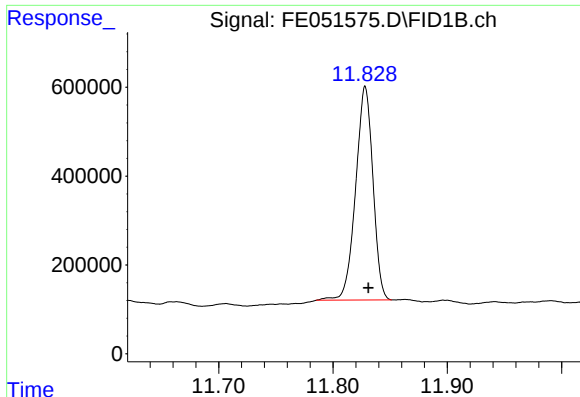
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 6118864
Conc: 43.07 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 6283640
Conc: 43.72 ug/ml m



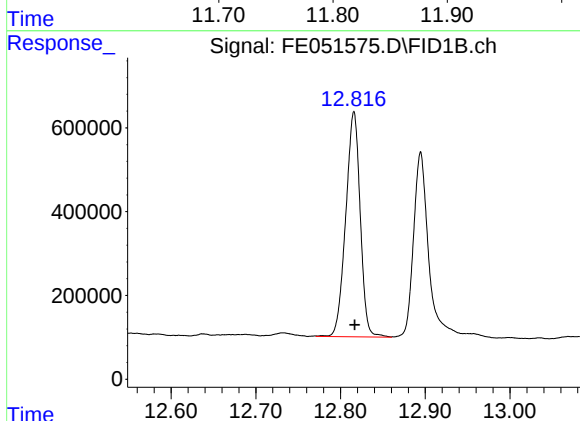
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.003 min
Response: 5059578
Conc: 33.48 ug/ml

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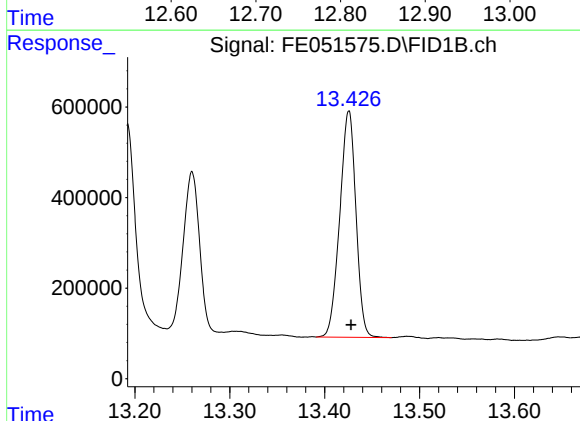
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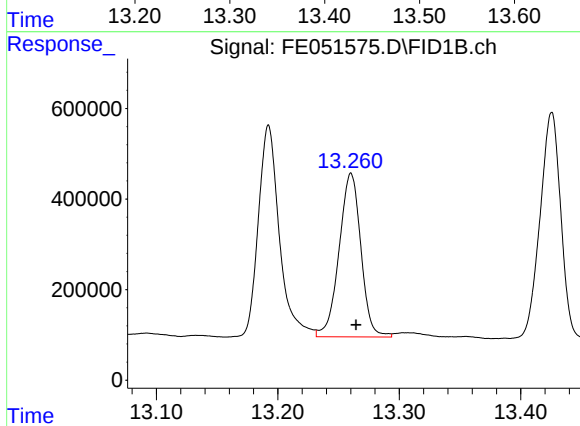
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 6377821
Conc: 46.20 ug/ml



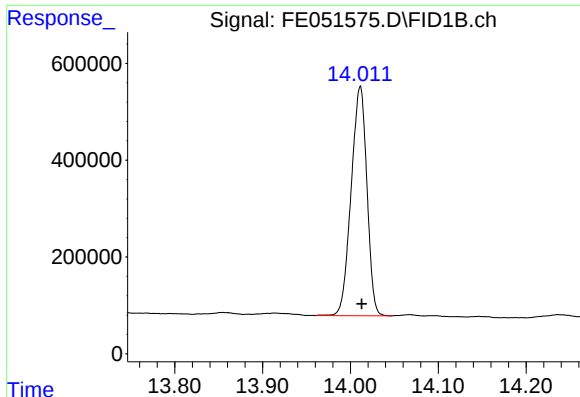
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 5923193
Conc: 43.70 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.260 min
Delta R.T.: -0.005 min
Response: 4506563
Conc: 40.33 ug/ml m



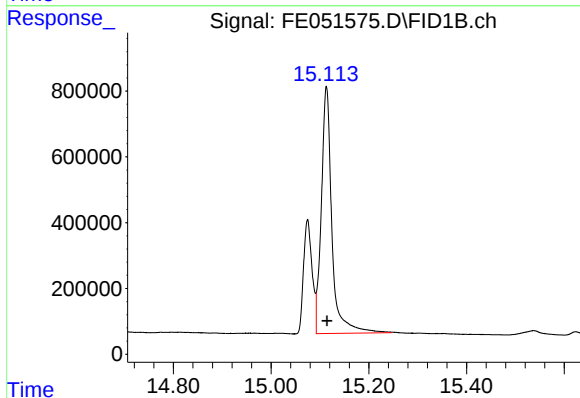
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 5907700
Conc: 44.12 ug/ml

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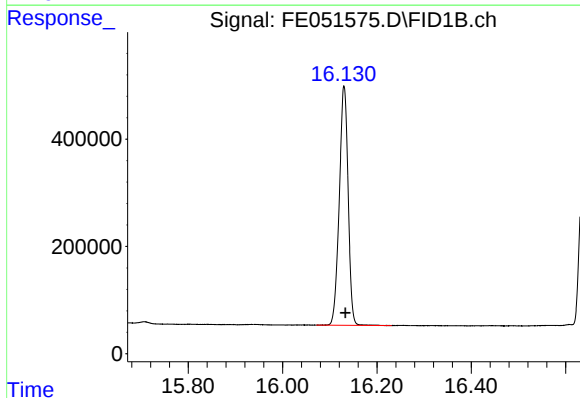
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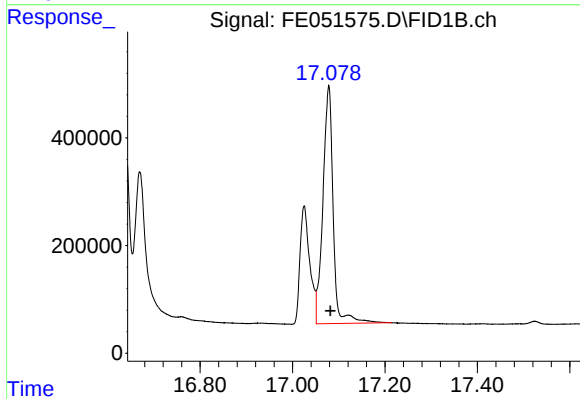
#14 n-Tetracosane (C24)

R.T.: 15.113 min
Delta R.T.: -0.002 min
Response: 11265556
Conc: 85.26 ug/ml m



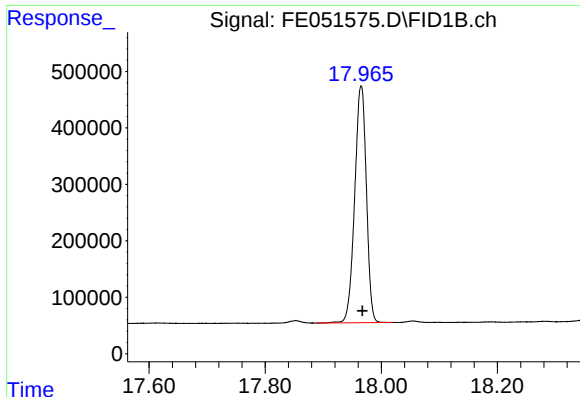
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.003 min
Response: 5790826
Conc: 44.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.077 min
Delta R.T.: -0.005 min
Response: 6803499
Conc: 53.36 ug/ml



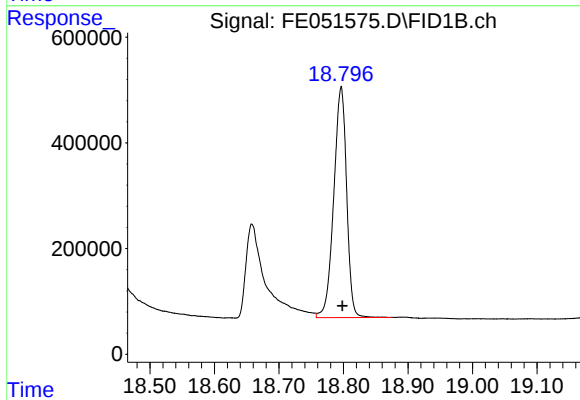
#17 n-Tricontane (C30)

R.T.: 17.965 min
Delta R.T.: -0.003 min
Response: 5854161
Conc: 45.21 ug/ml

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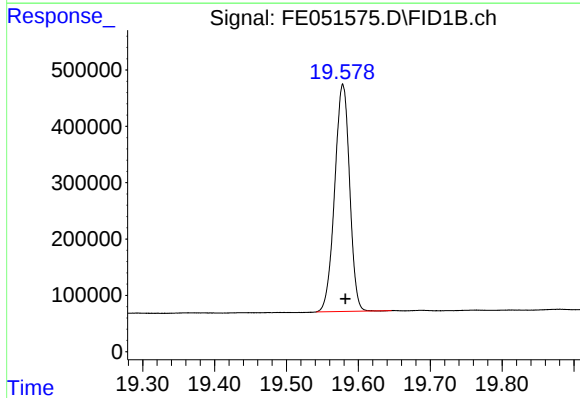
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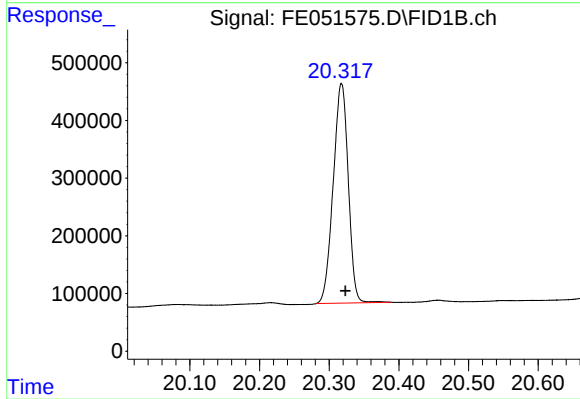
#18 n-Dotriacontane (C32)

R.T.: 18.796 min
Delta R.T.: -0.002 min
Response: 6059389
Conc: 48.40 ug/ml m



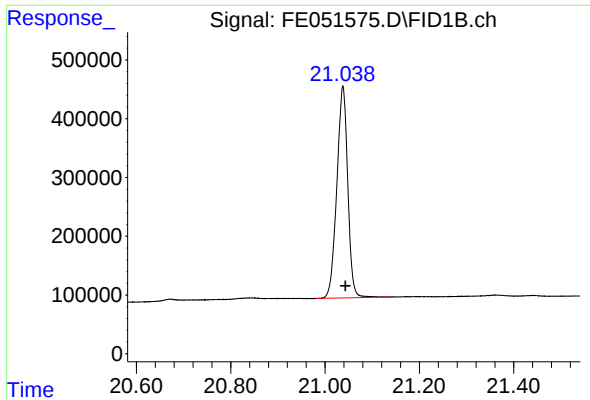
#19 n-Tetratriacontane (C34)

R.T.: 19.578 min
Delta R.T.: -0.004 min
Response: 5815636
Conc: 51.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.317 min
Delta R.T.: -0.006 min
Response: 5729390
Conc: 59.49 ug/ml



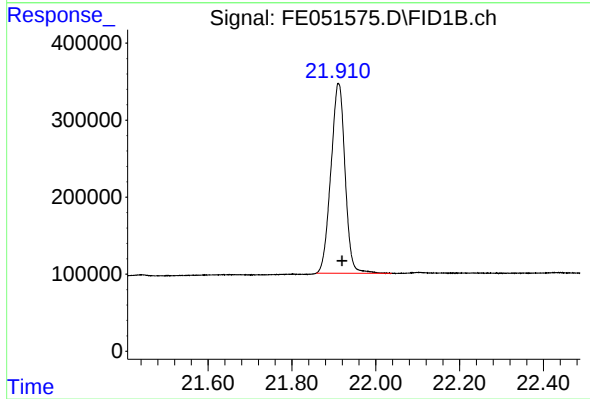
#21 n-Octatriacontane (C38)

R.T.: 21.037 min
Delta R.T.: -0.006 min
Response: 5788201
Conc: 63.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.008 min
Response: 5785077
Conc: 66.01 ug/ml