

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051569.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 15:04
 Operator : YP\AJ
 Sample : PB165426BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165426BSD

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 04:09:33 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	6641068	43.947 ug/ml
Spiked Amount 50.000		Recovery =	87.89%
12) S 1-chlorooctadecane (S...	13.260	5922951	53.001 ug/ml
Spiked Amount 50.000		Recovery =	106.00%
Target Compounds			
1) T n-Nonane (C9)	3.231	6694350	47.766 ug/ml
2) T n-Decane (C10)	4.474	6967052	49.130 ug/ml
3) T A~Naphthalene (C11.7)	6.181	7188661	54.380 ug/ml
4) T n-Dodecane (C12)	6.635	7187402	50.494 ug/ml
5) T A~2-methylnaphthalene...	7.276	6577360	54.827 ug/ml
6) T n-Tetradecane (C14)	8.462	7216503	51.769 ug/ml
7) T n-Hexadecane (C16)	10.066	7063822	49.716 ug/ml
8) T n-Octadecane (C18)	11.508	7078005	49.252 ug/ml
10) T n-Eicosane (C20)	12.815	7087578	51.344 ug/ml
11) T n-Heneicosane (C21)	13.425	6835256	50.427 ug/ml
13) T n-Docosane (C22)	14.011	6730825	50.267 ug/ml
14) T n-Tetracosane (C24)	15.115	12691319	96.048 ug/mlm
15) T n-Hexacosane (C26)	16.132	6539500	50.429 ug/ml
16) T n-Octacosane (C28)	17.080	7614615	59.725 ug/ml
17) T n-Tricontane (C30)	17.967	6534885	50.469 ug/ml
18) T n-Dotriacontane (C32)	18.800	6755969	53.967 ug/mlm
19) T n-Tetratriacontane (C34)	19.580	6498143	57.536 ug/ml
20) T n-Hexatriacontane (C36)	20.320	6446539	66.938 ug/ml
21) T n-Octatriacontane (C38)	21.041	6639593	72.926 ug/ml
22) T n-Tetracontane (C40)	21.914	6824831	77.877 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB165426BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

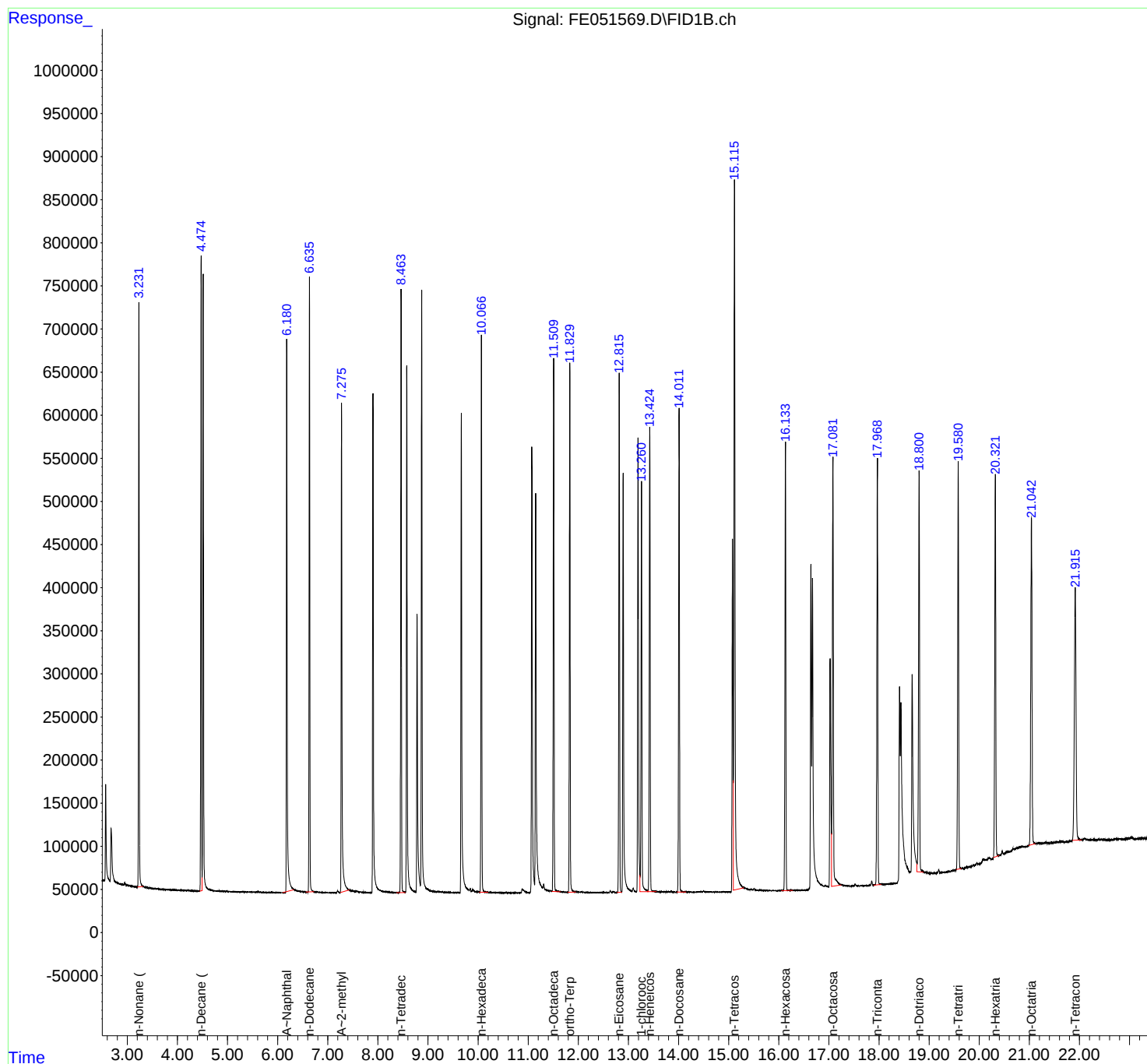
Instrument :
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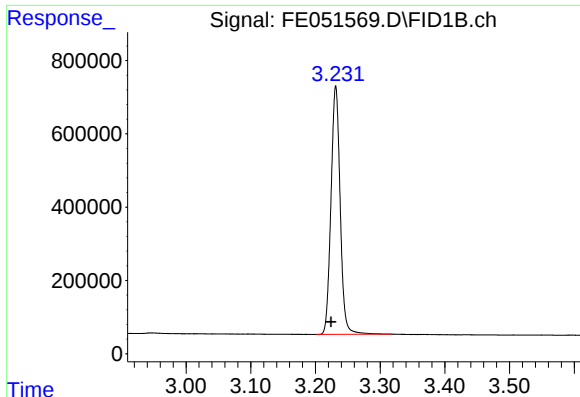
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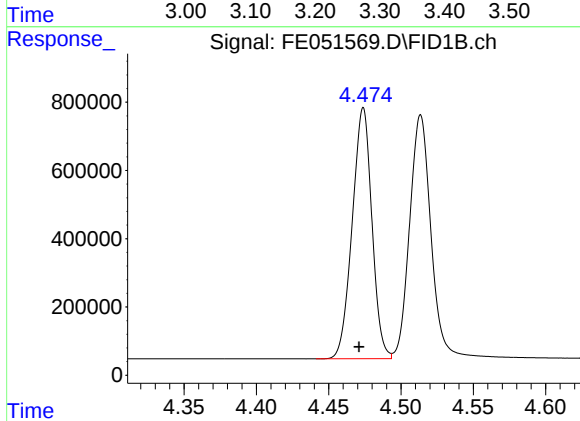
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: 0.007 min
Response: 6694350
Conc: 47.77 ug/ml

Instrument :
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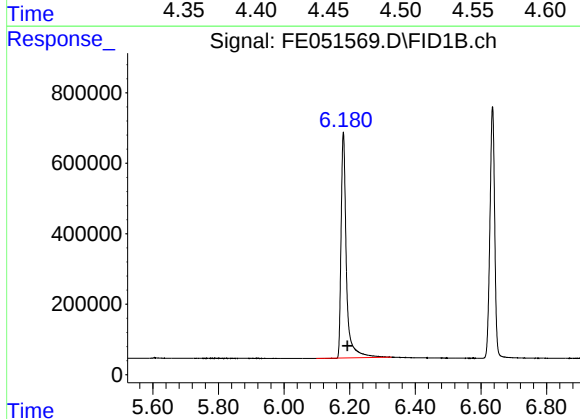
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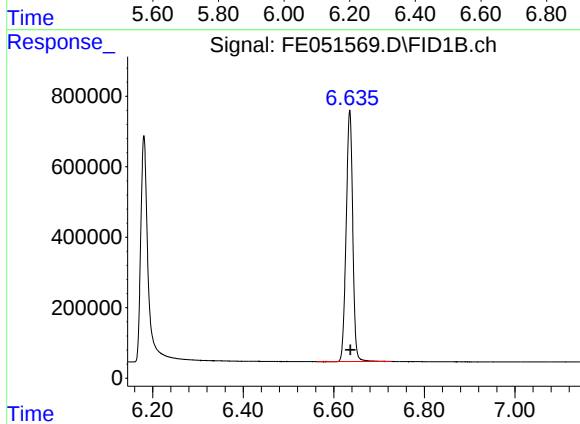
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.003 min
Response: 6967052
Conc: 49.13 ug/ml



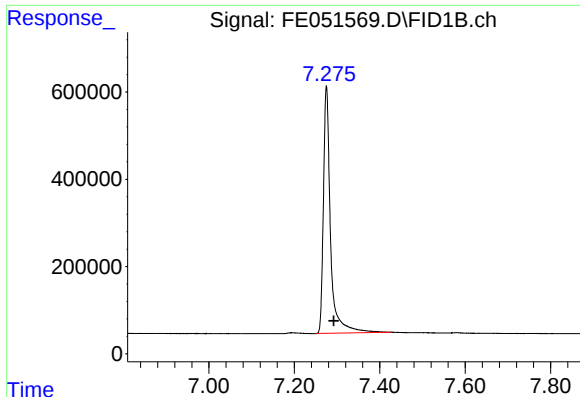
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 7188661
Conc: 54.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 7187402
Conc: 50.49 ug/ml



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

R.T.: 7.276 min
Delta R.T.: -0.017 min
Response: 6577360
Conc: 54.83 ug/ml

Instrument :

FID_E

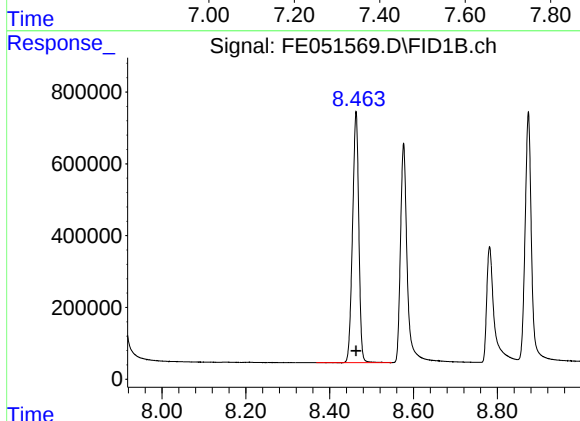
ClientSampleId :

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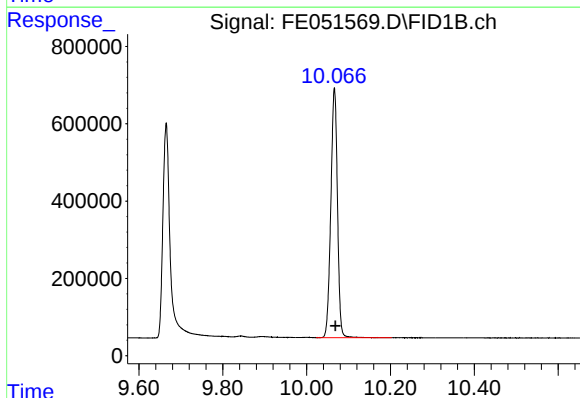
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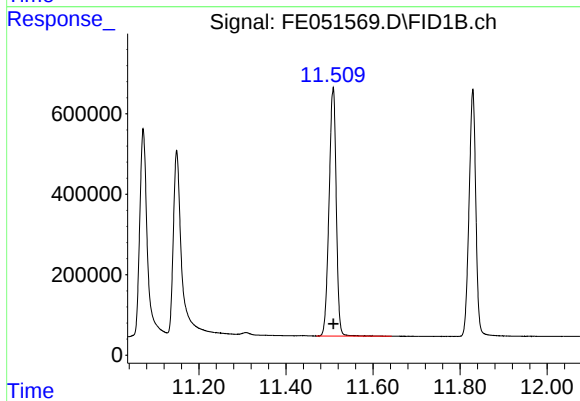
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 7216503
Conc: 51.77 ug/ml



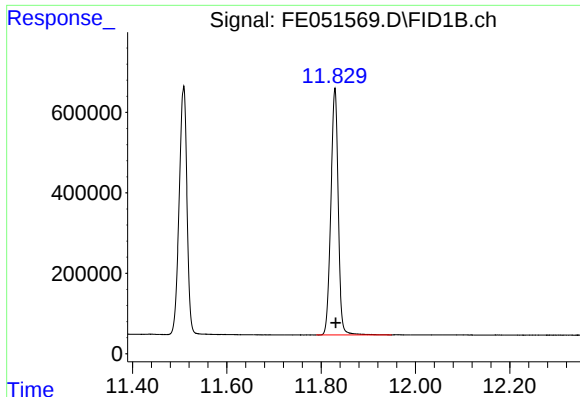
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 7063822
Conc: 49.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.001 min
Response: 7078005
Conc: 49.25 ug/ml



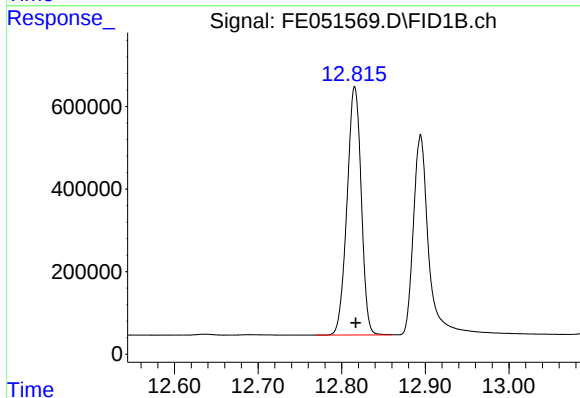
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.002 min
Response: 6641068
Conc: 43.95 ug/ml

Instrument :
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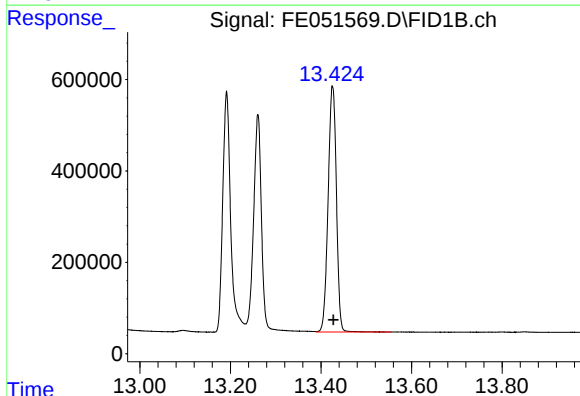
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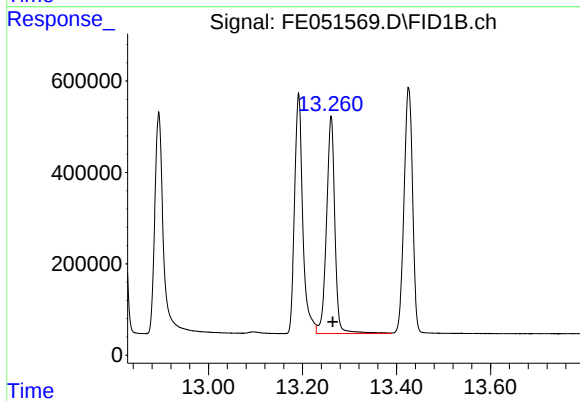
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 7087578
Conc: 51.34 ug/ml



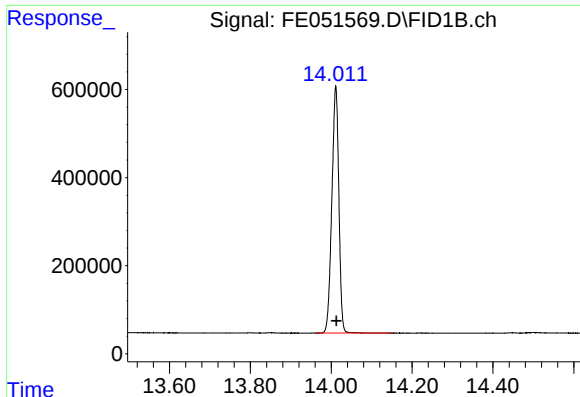
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.002 min
Response: 6835256
Conc: 50.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 5922951
Conc: 53.00 ug/ml



#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.003 min
Response: 6730825
Conc: 50.27 ug/ml

Instrument :

FID_E

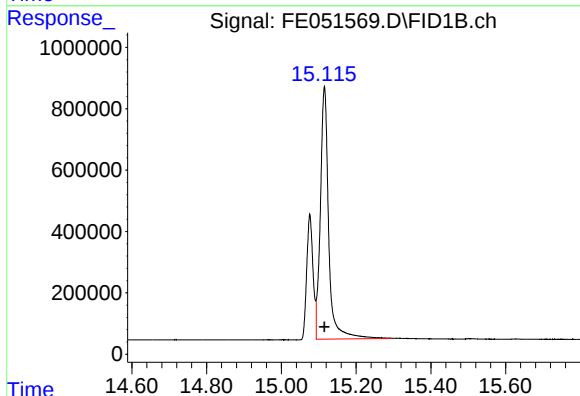
ClientSampleId :

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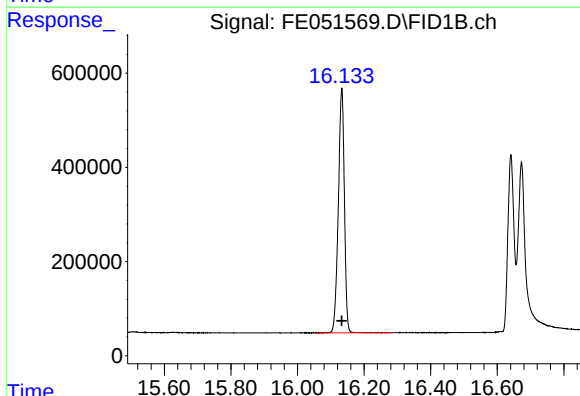
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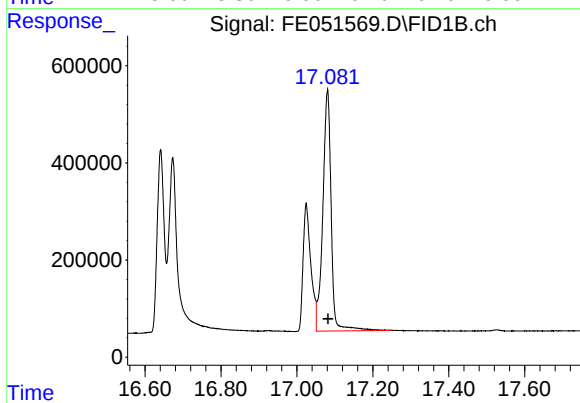
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 12691319
Conc: 96.05 ug/ml m



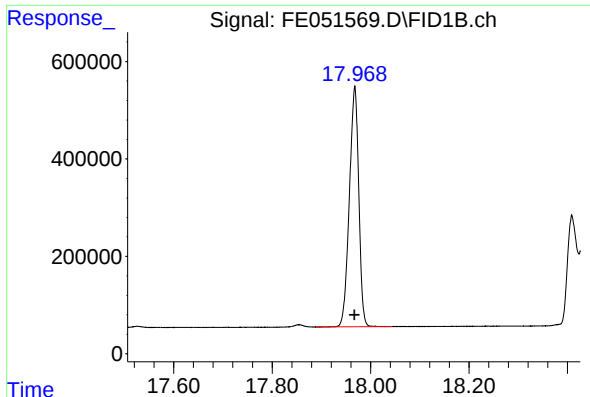
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: 0.000 min
Response: 6539500
Conc: 50.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.080 min
Delta R.T.: -0.002 min
Response: 7614615
Conc: 59.72 ug/ml



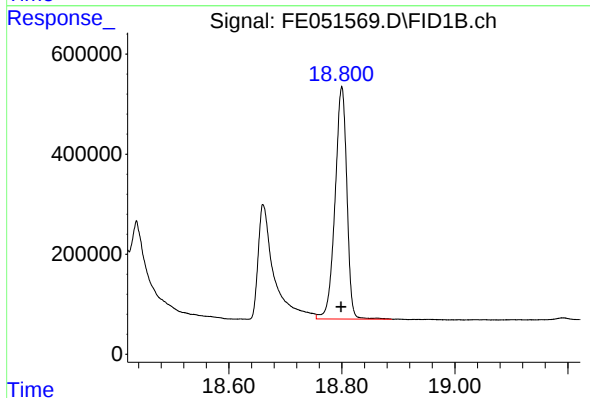
#17 n-Tricontane (C30)

R.T.: 17.967 min
Delta R.T.: 0.000 min
Response: 6534885
Conc: 50.47 ug/ml

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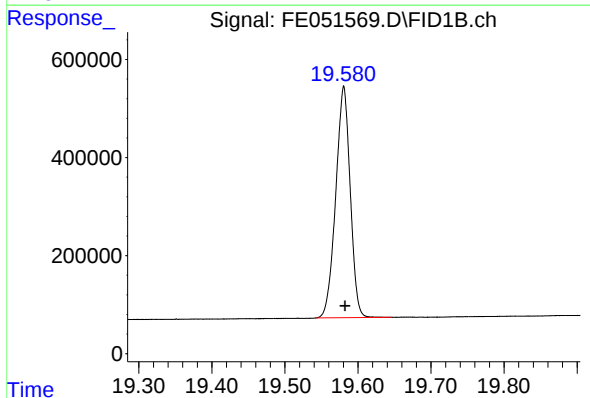
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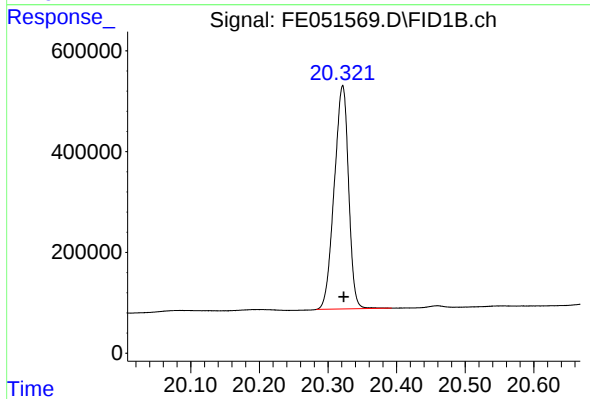
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: 0.000 min
Response: 6755969
Conc: 53.97 ug/ml m



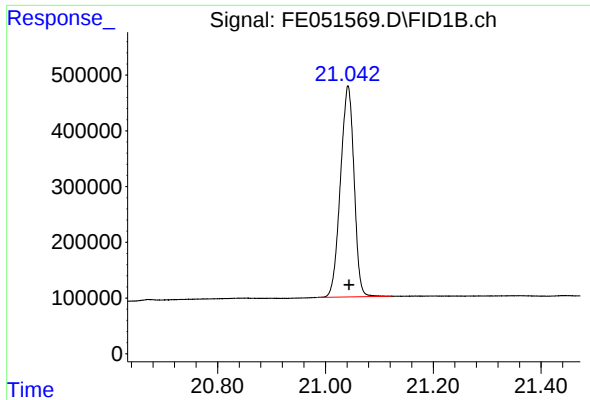
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 6498143
Conc: 57.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.320 min
Delta R.T.: -0.003 min
Response: 6446539
Conc: 66.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.003 min
Response: 6639593
Conc: 72.93 ug/ml

Instrument :

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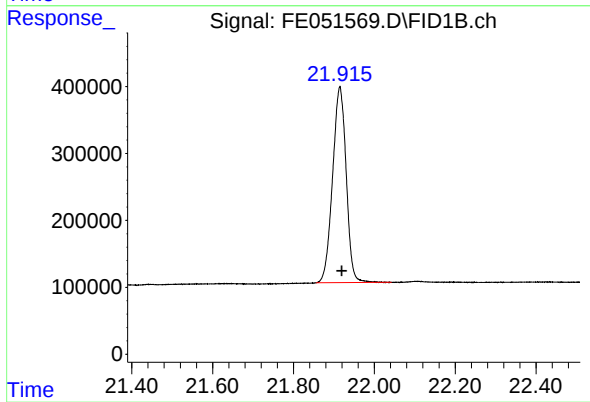
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#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: -0.005 min
Response: 6824831
Conc: 77.88 ug/ml