

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080523AL\
 Data File : FE043767.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2023 23:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 05 06:01:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.941	4472446	21.703 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
12) S 1-chlorooctadecane (S...	13.379	3362503	21.548 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
Target Compounds			
1) T n-Nonane (C9)	3.329	3573453	22.129 ug/ml
2) T n-Decane (C10)	4.580	3706863	22.491 ug/ml
3) T A~Naphthalene (C11.7)	6.279	4102171	22.531 ug/ml
4) T n-Dodecane (C12)	6.744	3786707	22.626 ug/ml
5) T A~2-methylnaphthalene...	7.374	4019695	22.579 ug/ml
6) T n-Tetradecane (C14)	8.571	3807275	22.597 ug/ml
7) T n-Hexadecane (C16)	10.180	3959159	22.444 ug/ml
8) T n-Octadecane (C18)	11.624	4014017	22.159 ug/ml
10) T n-Eicosane (C20)	12.935	3865146	21.841 ug/ml
11) T n-Heneicosane (C21)	13.548	3805490	21.492 ug/ml
13) T n-Docosane (C22)	14.134	3756864	21.419 ug/ml
14) T n-Tetracosane (C24)	15.238	3698514	21.050 ug/ml
15) T n-Hexacosane (C26)	16.261	3563559	20.618 ug/ml
16) T n-Octacosane (C28)	17.211	3391103	20.267 ug/ml
17) T n-Tricontane (C30)	18.100	3347389	20.210 ug/ml
18) T n-Dotriacontane (C32)	18.934	3210360	20.333 ug/ml
19) T n-Tetratriacontane (C34)	19.718	3479135	23.413 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3143629	22.490 ug/ml
21) T n-Octatriacontane (C38)	21.203	3209257	24.056 ug/ml
22) T n-Tetracontane (C40)	22.127	3714945	28.792 ug/ml

(f)=RT Delta > 1/2 Window

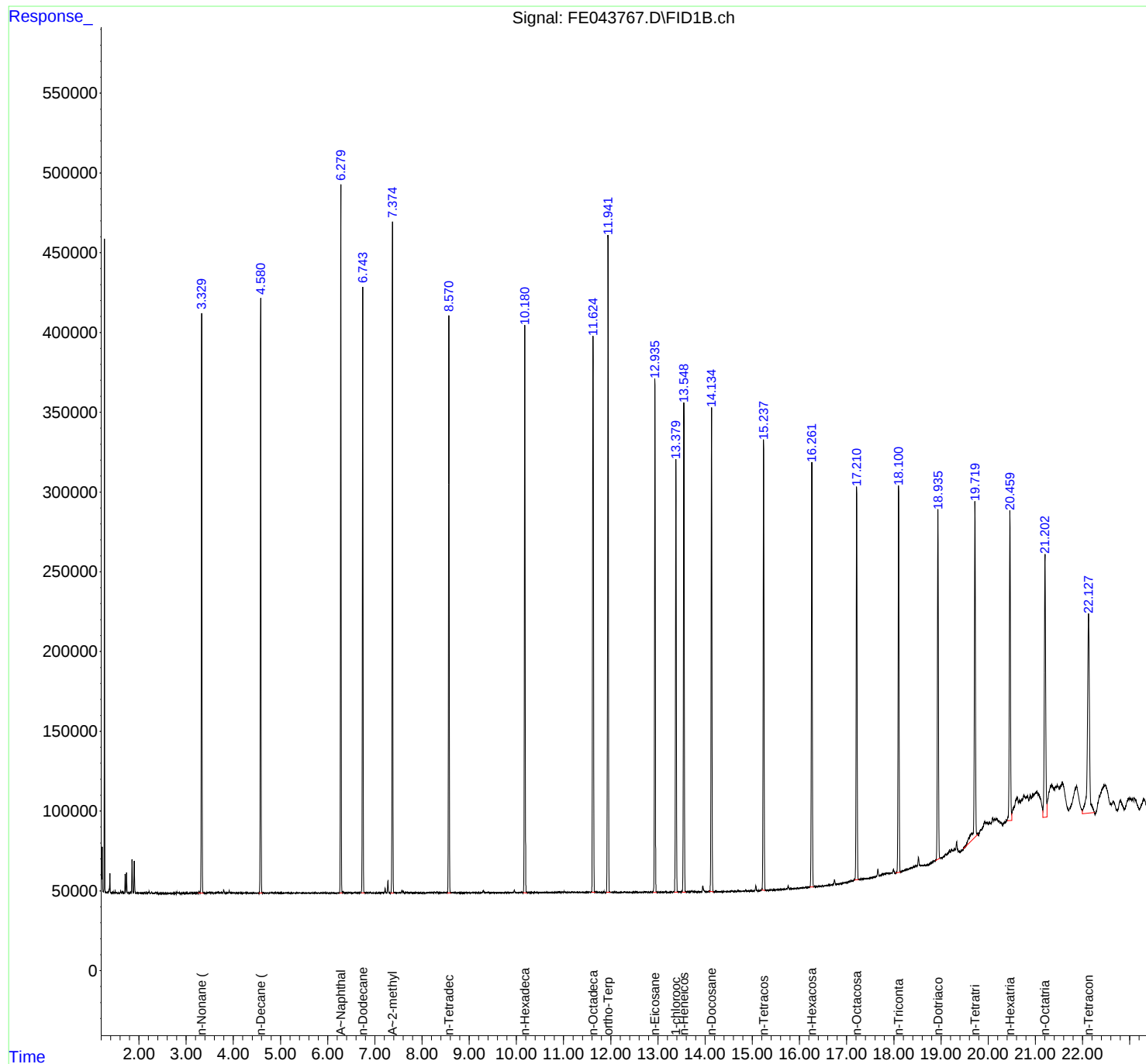
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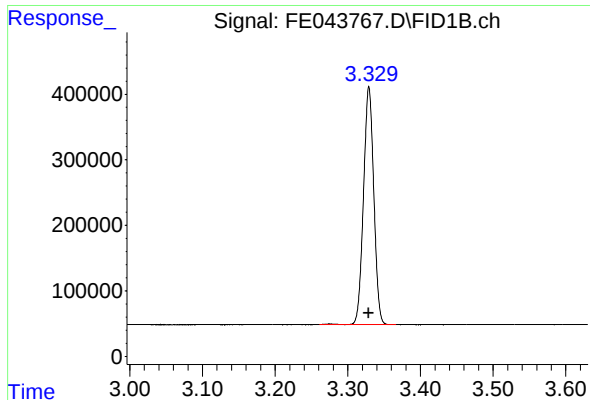
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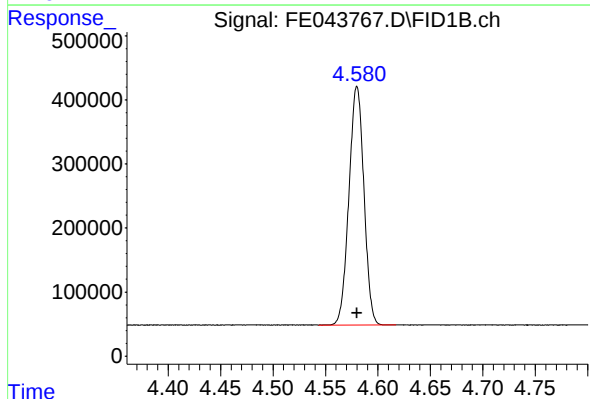




#1 n-Nonane (C9)

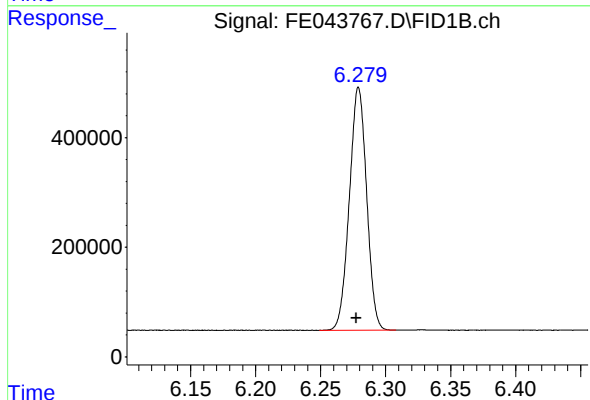
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3573453
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



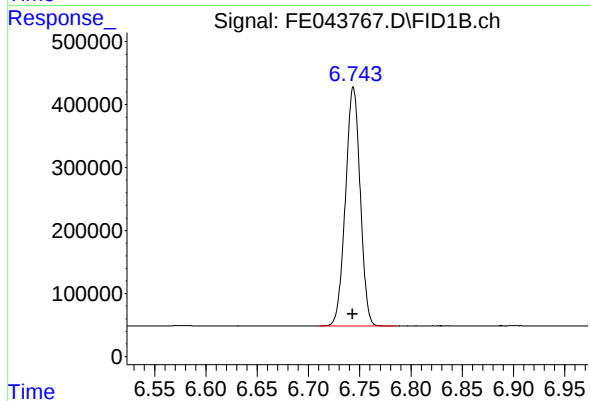
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3706863
Conc: 22.49 ug/ml



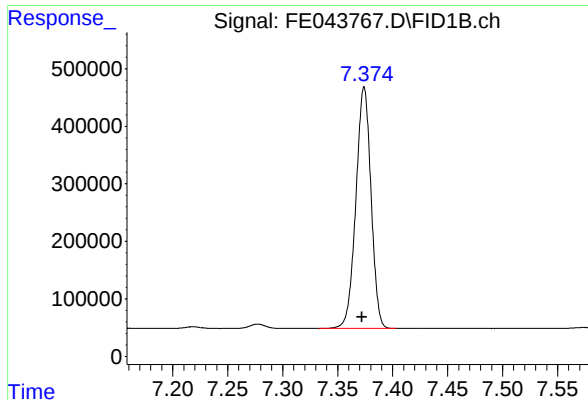
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 4102171
Conc: 22.53 ug/ml



#4 n-Dodecane (C12)

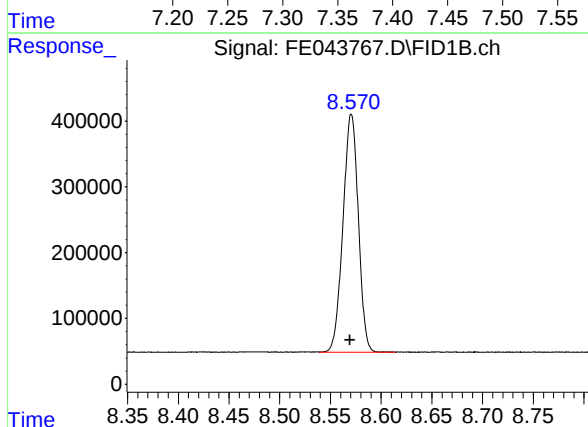
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3786707
Conc: 22.63 ug/ml



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

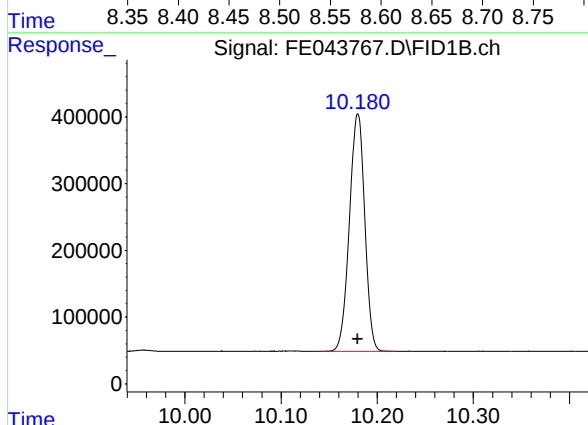
R.T.: 7.374 min
Delta R.T.: 0.002 min
Response: 4019695
Conc: 22.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



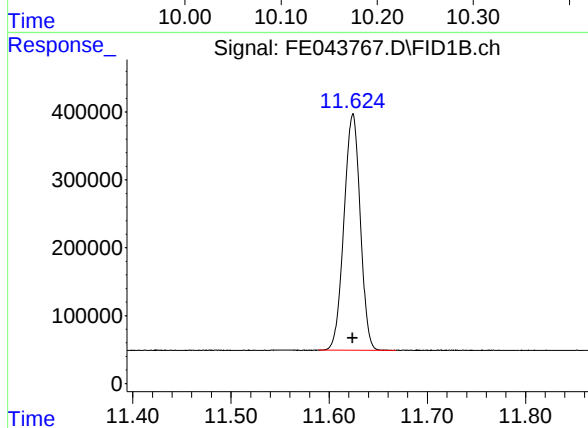
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 3807275
Conc: 22.60 ug/ml



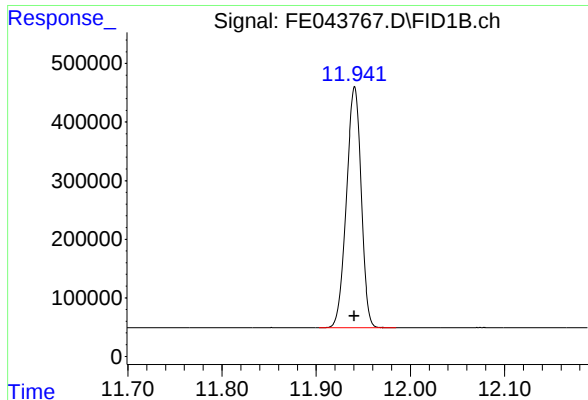
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 3959159
Conc: 22.44 ug/ml



#8 n-Octadecane (C18)

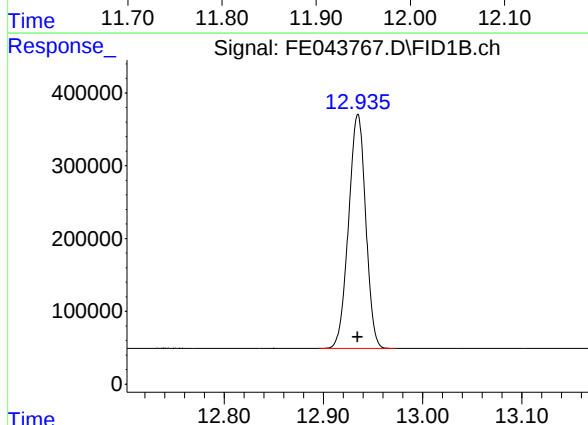
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 4014017
Conc: 22.16 ug/ml



#9 ortho-Terphenyl (SURR)

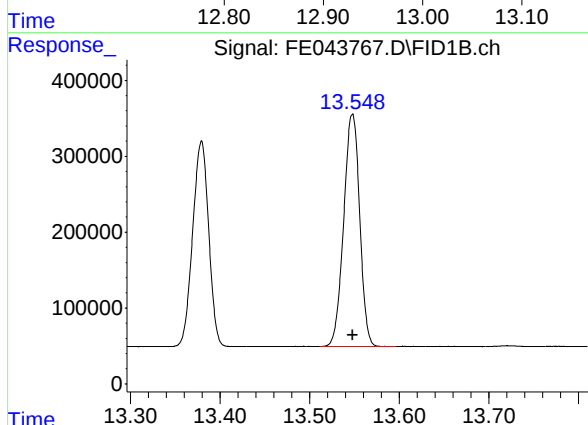
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 4472446
Conc: 21.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



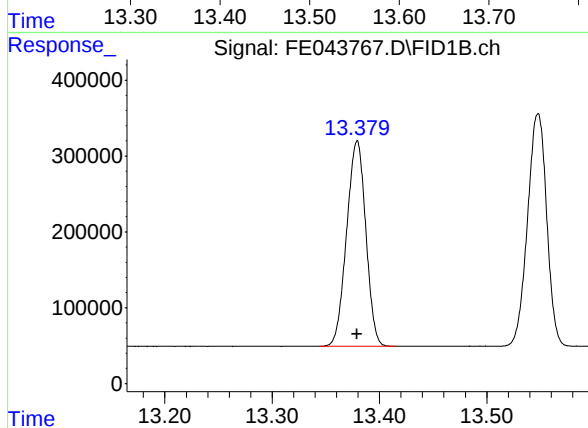
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3865146
Conc: 21.84 ug/ml



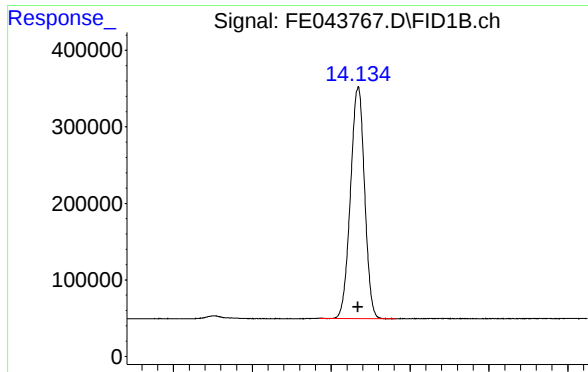
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3805490
Conc: 21.49 ug/ml



#12 1-chlorooctadecane (SURR)

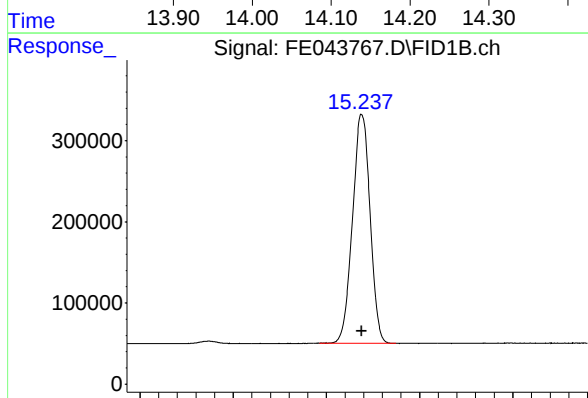
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3362503
Conc: 21.55 ug/ml



#13 n-Docosane (C22)

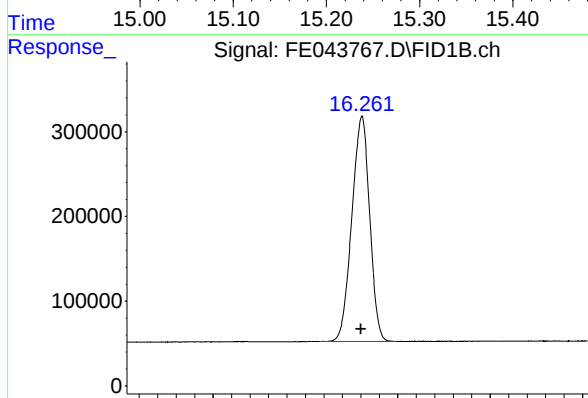
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3756864
Conc: 21.42 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



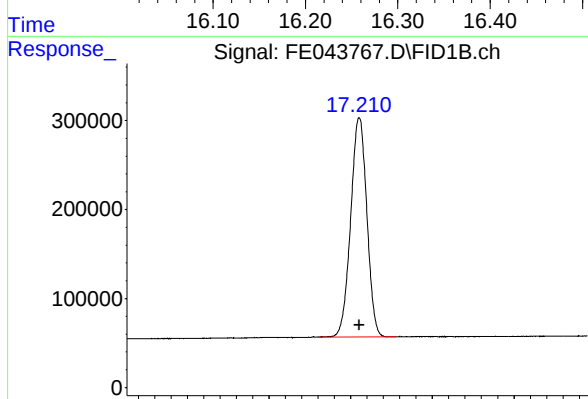
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3698514
Conc: 21.05 ug/ml



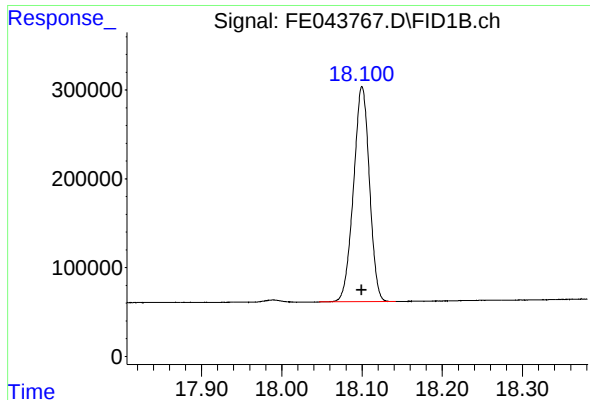
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3563559
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

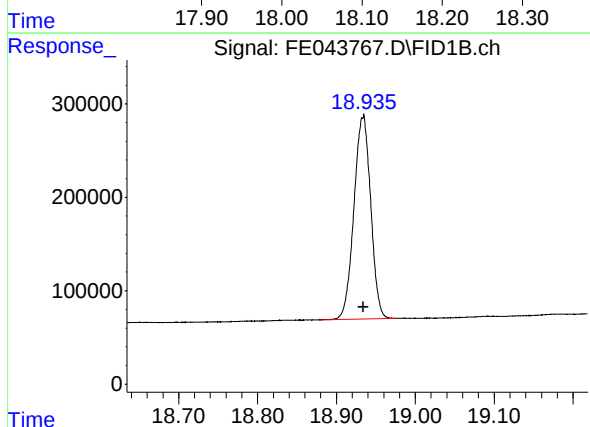
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3391103
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

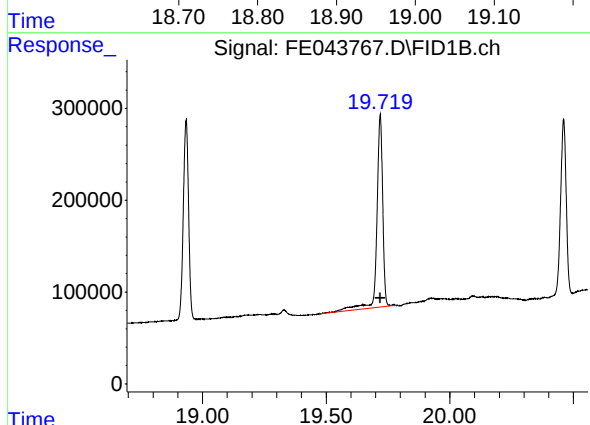
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3347389
Conc: 20.21 ug/ml

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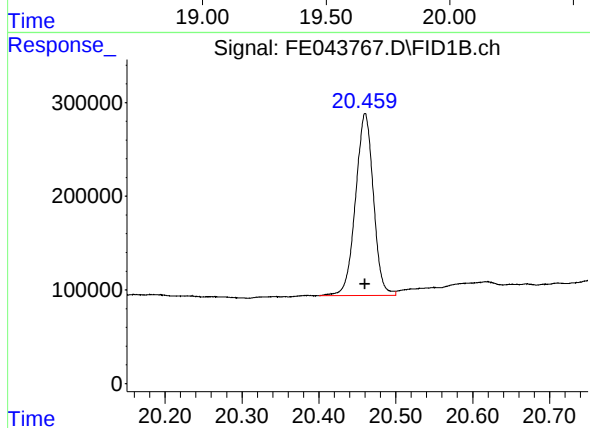
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 3210360
Conc: 20.33 ug/ml



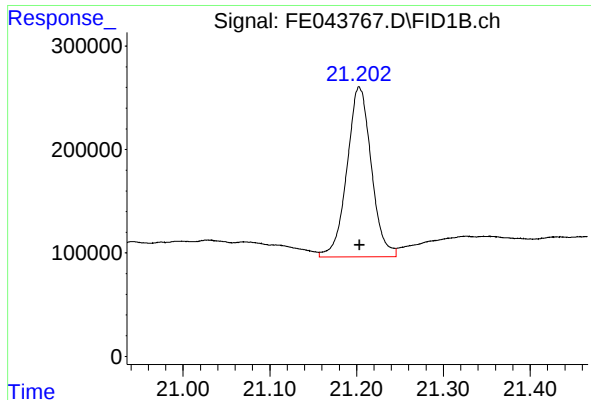
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 3479135
Conc: 23.41 ug/ml



#20 n-Hexatriacontane (C36)

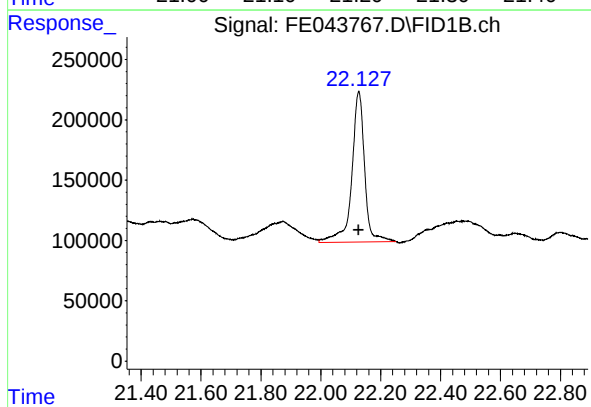
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 3143629
Conc: 22.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 3209257
Conc: 24.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.000 min
Response: 3714945
Conc: 28.79 ug/ml