

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110724AL\
 Data File : FE051078.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 18:22
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 04:55:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:54:42 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)	11.849	1565644	10.545 ug/ml
Spiked Amount 50.000		Recovery =	21.09%
12) S 1-chlorooctadecane (S...	13.283	1176755	10.461 ug/ml
Spiked Amount 50.000		Recovery =	20.92%
Target Compounds			
1) T n-Nonane (C9)	3.239	1426184	10.387 ug/ml
2) T n-Decane (C10)	4.489	1444976	10.388 ug/ml
3) T A~Naphthalene (C11.7)	6.203	1341147	10.216 ug/ml
4) T n-Dodecane (C12)	6.656	1460396	10.432 ug/ml
5) T A~2-methylnaphthalene...	7.299	1295139	10.446 ug/mlm
6) T n-Tetradecane (C14)	8.483	1443150	10.448 ug/ml
7) T n-Hexadecane (C16)	10.088	1469868	10.451 ug/ml
8) T n-Octadecane (C18)	11.528	1483612	10.491 ug/ml
10) T n-Eicosane (C20)	12.836	1425003	10.521 ug/ml
11) T n-Heneicosane (C21)	13.447	1390737	10.513 ug/ml
13) T n-Docosane (C22)	14.033	1386349	10.540 ug/ml
14) T n-Tetracosane (C24)	15.134	1376518	10.475 ug/ml
15) T n-Hexacosane (C26)	16.154	1392936	10.512 ug/ml
16) T n-Octacosane (C28)	17.100	1424573	10.568 ug/ml
17) T n-Tricontane (C30)	17.987	1518163	10.568 ug/ml
18) T n-Dotriacontane (C32)	18.819	1556973	10.615 ug/ml
19) T n-Tetratriacontane (C34)	19.602	1411160	10.636 ug/ml
20) T n-Hexatriacontane (C36)	20.341	1260253	10.713 ug/ml
21) T n-Octatriacontane (C38)	21.064	1207468	10.773 ug/ml
22) T n-Tetracontane (C40)	21.946	1185992	10.843 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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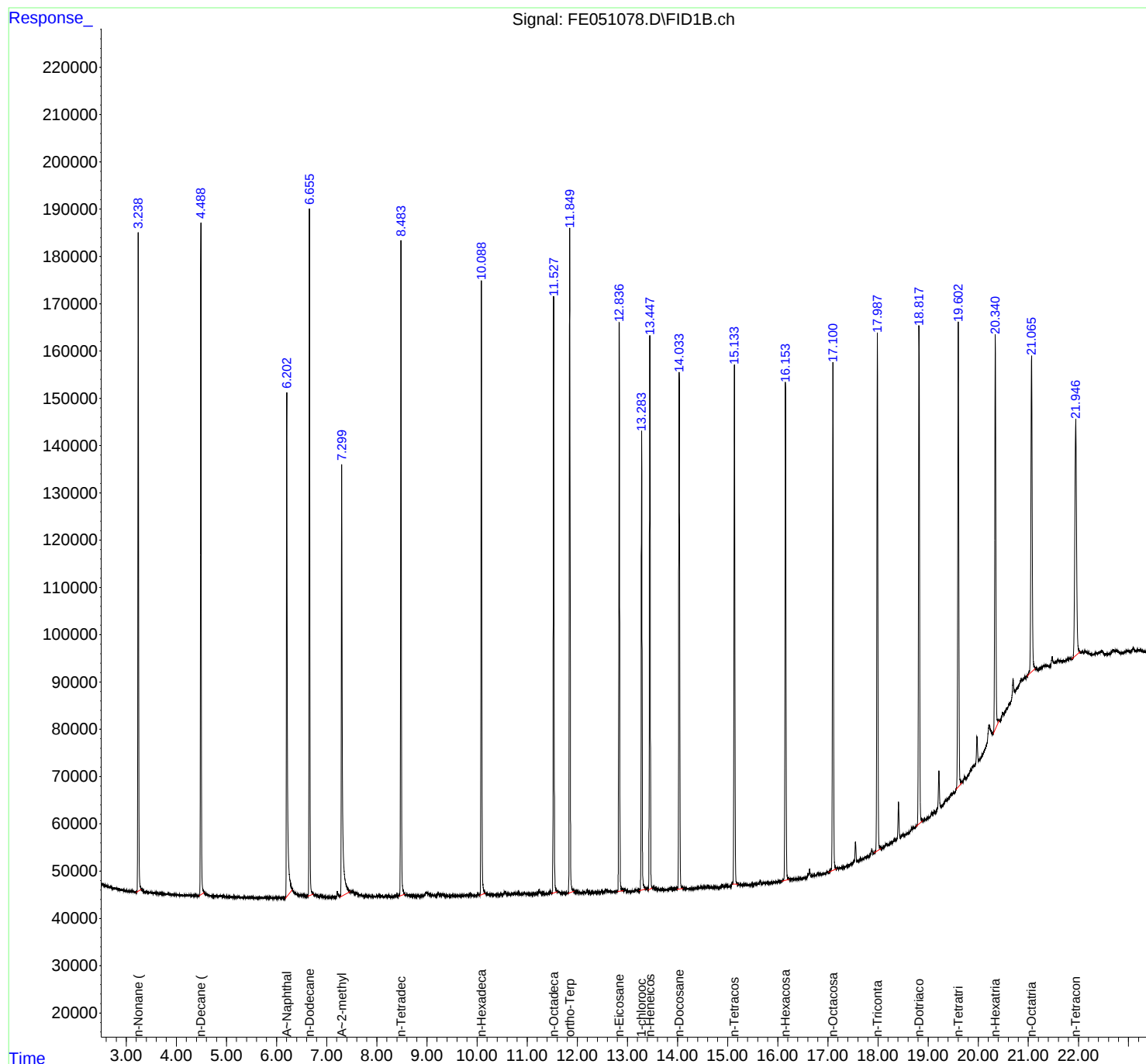
Instrument :
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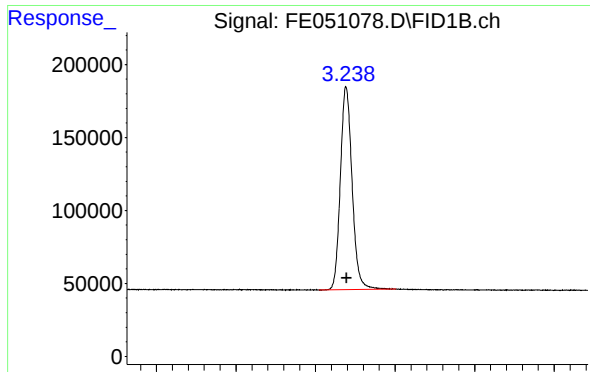
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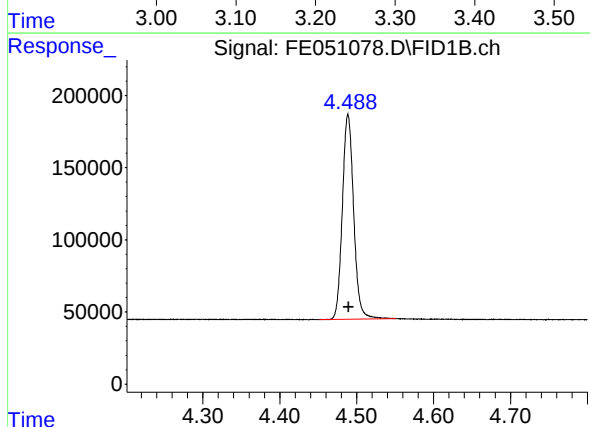
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 1426184
Conc: 10.39 ug/ml

Instrument :
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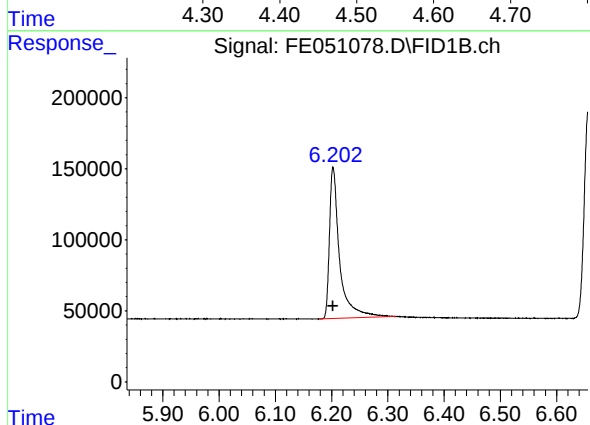
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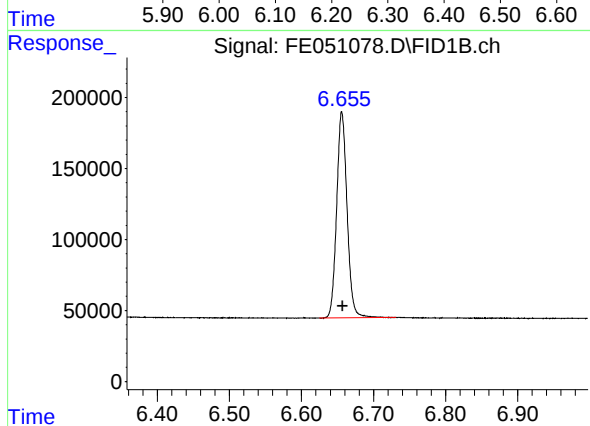
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 1444976
Conc: 10.39 ug/ml



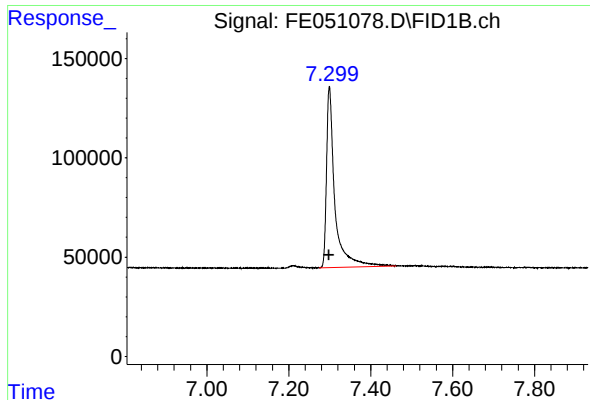
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.001 min
Response: 1341147
Conc: 10.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 1460396
Conc: 10.43 ug/ml



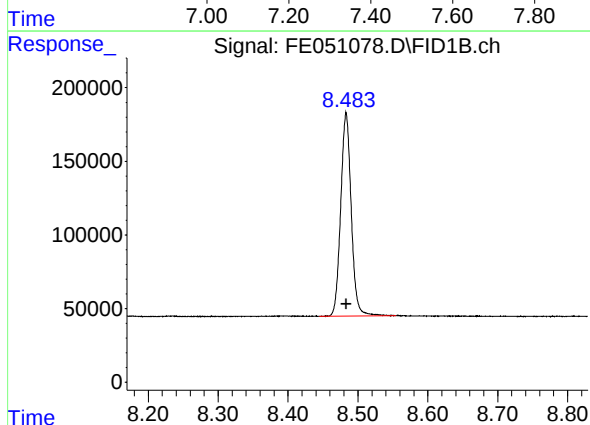
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1295139
Conc: 10.45 ug/ml

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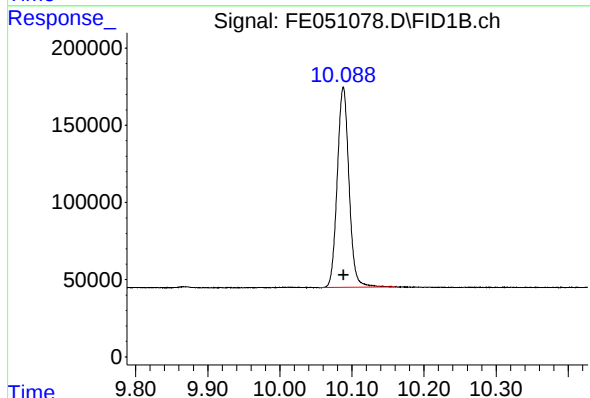
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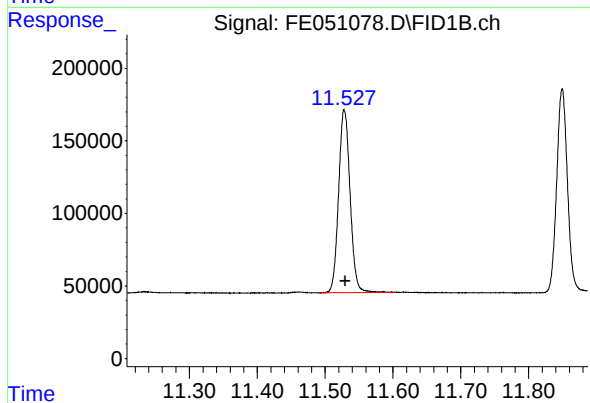
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 1443150
Conc: 10.45 ug/ml



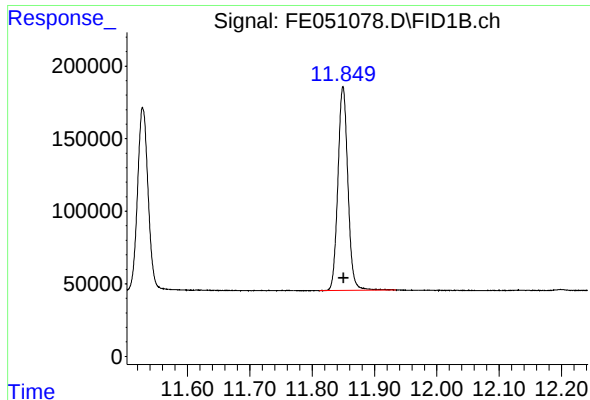
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 1469868
Conc: 10.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.001 min
Response: 1483612
Conc: 10.49 ug/ml



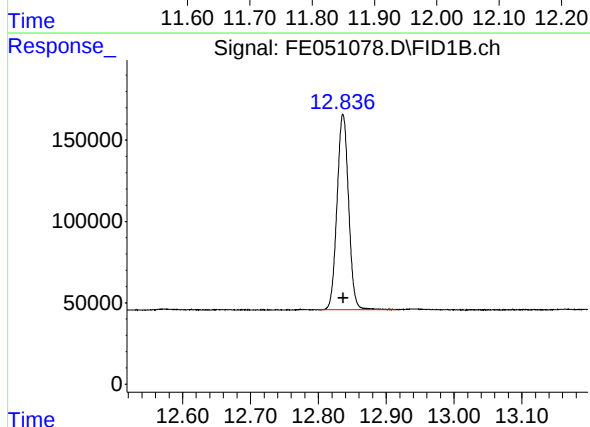
#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: 0.000 min
Response: 1565644
Conc: 10.54 ug/ml

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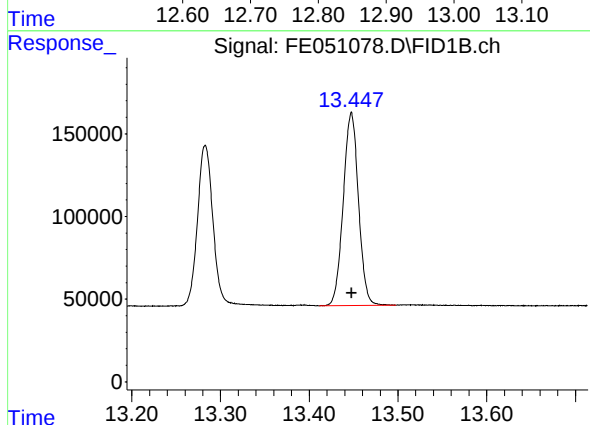
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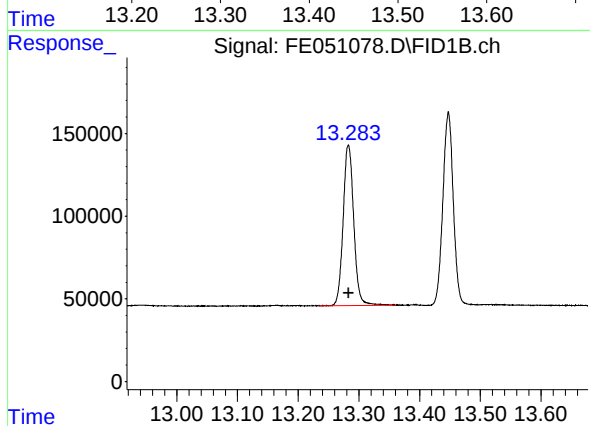
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 1425003
Conc: 10.52 ug/ml



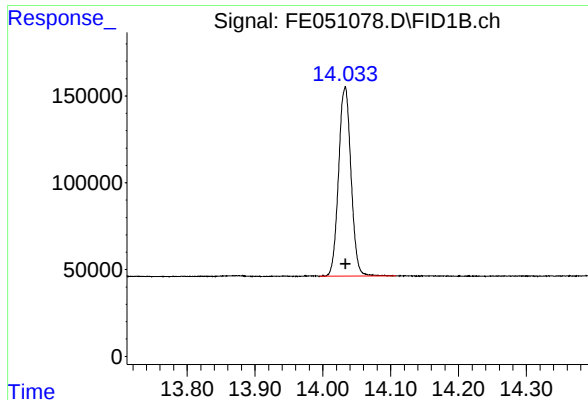
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 1390737
Conc: 10.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 1176755
Conc: 10.46 ug/ml



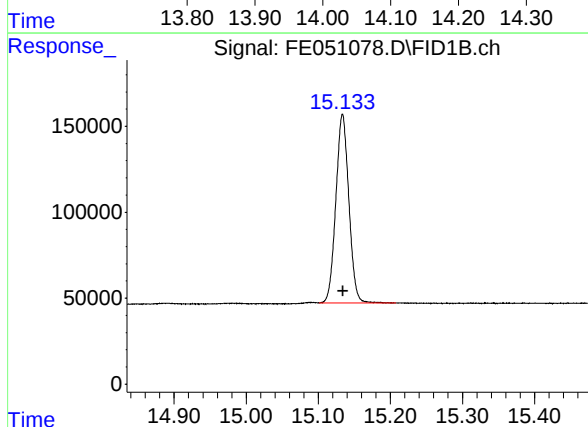
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: 0.000 min
Response: 1386349
Conc: 10.54 ug/ml

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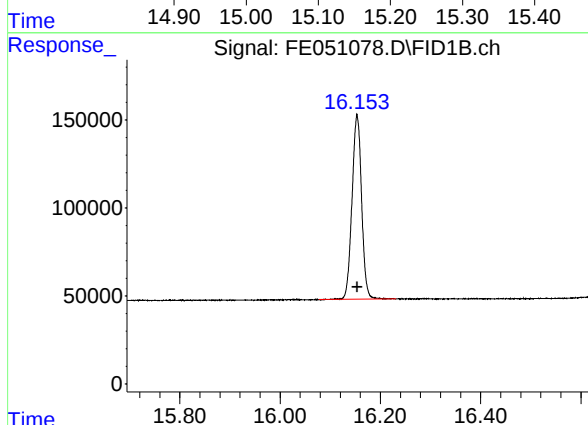
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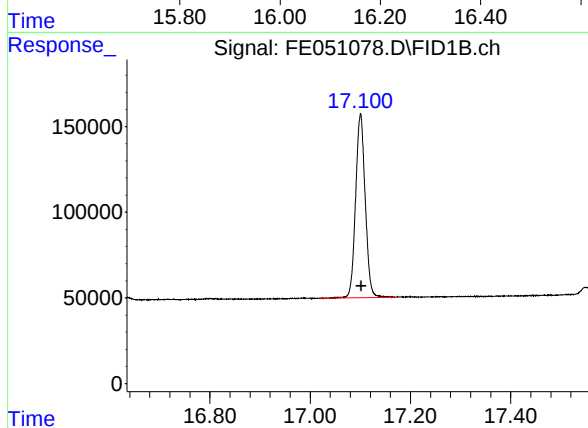
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: 0.000 min
Response: 1376518
Conc: 10.48 ug/ml



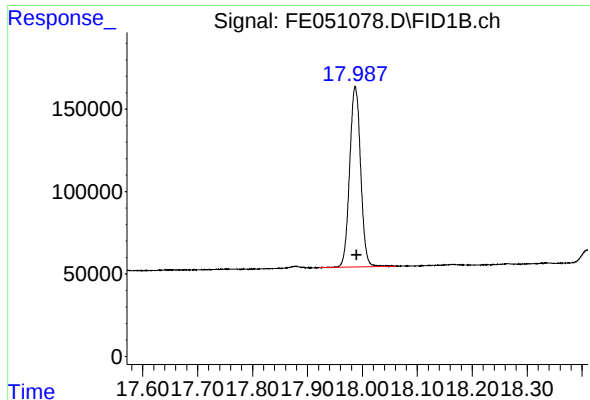
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 1392936
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.002 min
Response: 1424573
Conc: 10.57 ug/ml



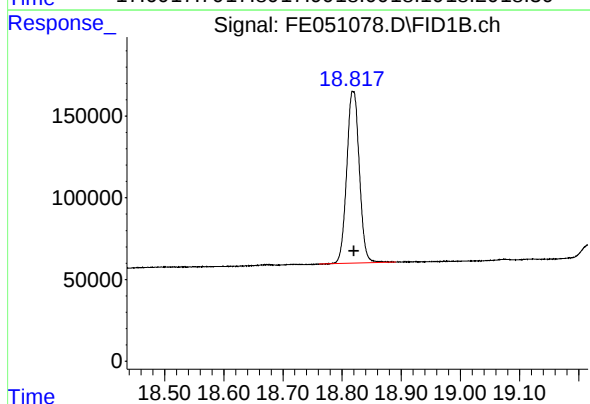
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.002 min
Response: 1518163
Conc: 10.57 ug/ml

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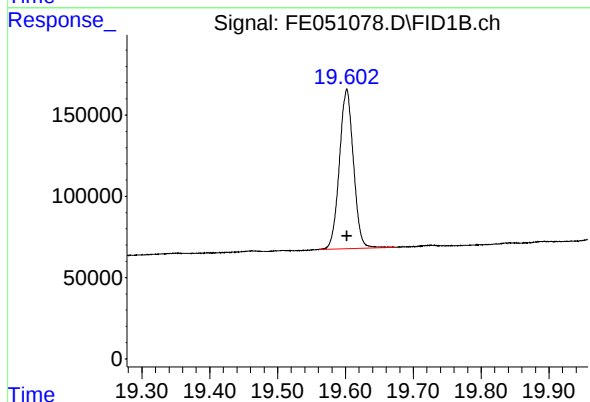
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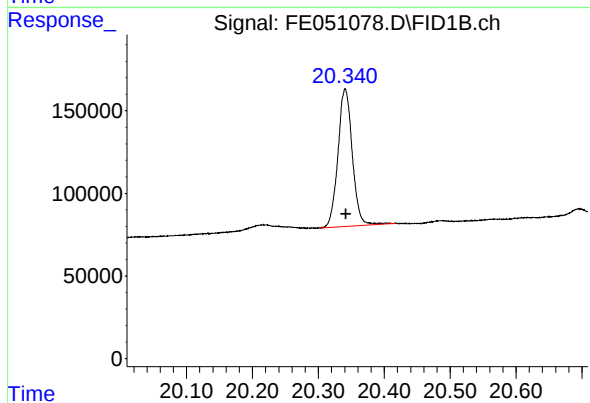
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: -0.001 min
Response: 1556973
Conc: 10.61 ug/ml



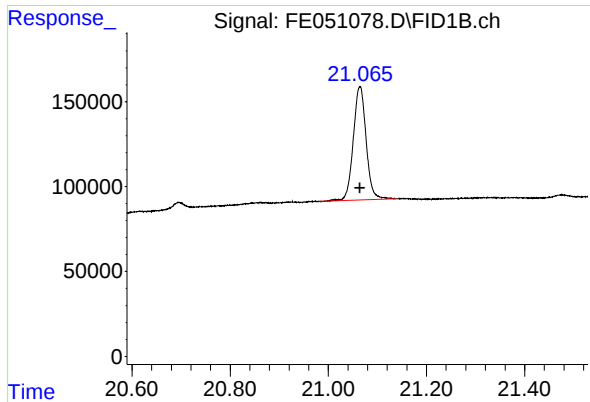
#19 n-Tetratriacontane (C34)

R.T.: 19.602 min
Delta R.T.: 0.000 min
Response: 1411160
Conc: 10.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.341 min
Delta R.T.: 0.000 min
Response: 1260253
Conc: 10.71 ug/ml



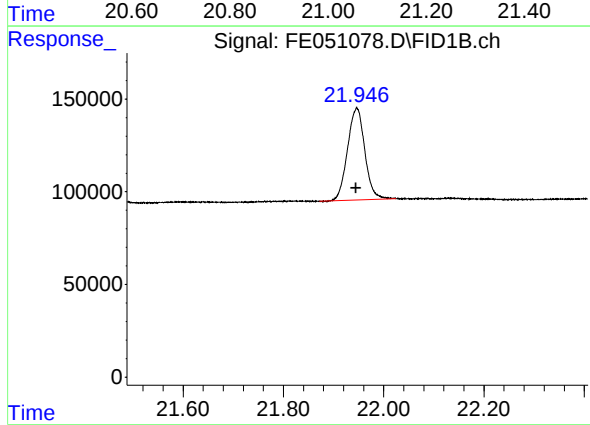
#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: 0.000 min
Response: 1207468
Conc: 10.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: 0.002 min
Response: 1185992
Conc: 10.84 ug/ml