

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122923AL\
 Data File : FE046022.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 01:05
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :Ankita Jodhani 12/29/2023

Integration File: sample.E
 Quant Time: Dec 29 03:41:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:41:02 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)	11.839	1954488	10.511 ug/ml
Spiked Amount 50.000		Recovery =	21.02%
12) S 1-chlorooctadecane (S...	13.283	1431423	10.447 ug/ml
Spiked Amount 50.000		Recovery =	20.89%
Target Compounds			
1) T n-Nonane (C9)	3.223	1625019	10.352 ug/ml
2) T n-Decane (C10)	4.474	1648410	10.330 ug/ml
3) T A~Naphthalene (C11.7)	6.177	1752628	10.122 ug/ml
4) T n-Dodecane (C12)	6.642	1655008	10.269 ug/ml
5) T A~2-methylnaphthalene...	7.274	1655175	9.902 ug/ml
6) T n-Tetradecane (C14)	8.469	1659165	10.365 ug/ml
7) T n-Hexadecane (C16)	10.080	1688369	10.422 ug/ml
8) T n-Octadecane (C18)	11.525	1688027	10.503 ug/ml
10) T n-Eicosane (C20)	12.837	1623341	10.557 ug/ml
11) T n-Heneicosane (C21)	13.451	1578694	10.530 ug/ml
13) T n-Docosane (C22)	14.039	1560628	10.572 ug/ml
14) T n-Tetracosane (C24)	15.145	1535532	10.638 ug/ml
15) T n-Hexacosane (C26)	16.169	1499605	10.640 ug/ml
16) T n-Octacosane (C28)	17.122	1491981	10.727 ug/ml
17) T n-Tricontane (C30)	18.014	1534661	10.794 ug/mlm
18) T n-Dotriacontane (C32)	18.850	1560858	10.878 ug/ml
19) T n-Tetratriacontane (C34)	19.634	1526606	10.777 ug/ml
20) T n-Hexatriacontane (C36)	20.381	1558153	10.569 ug/ml
21) T n-Octatriacontane (C38)	21.117	1585351	10.654 ug/ml
22) T n-Tetracontane (C40)	22.021	1625628	10.387 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 29 Sample Multiplier: 1

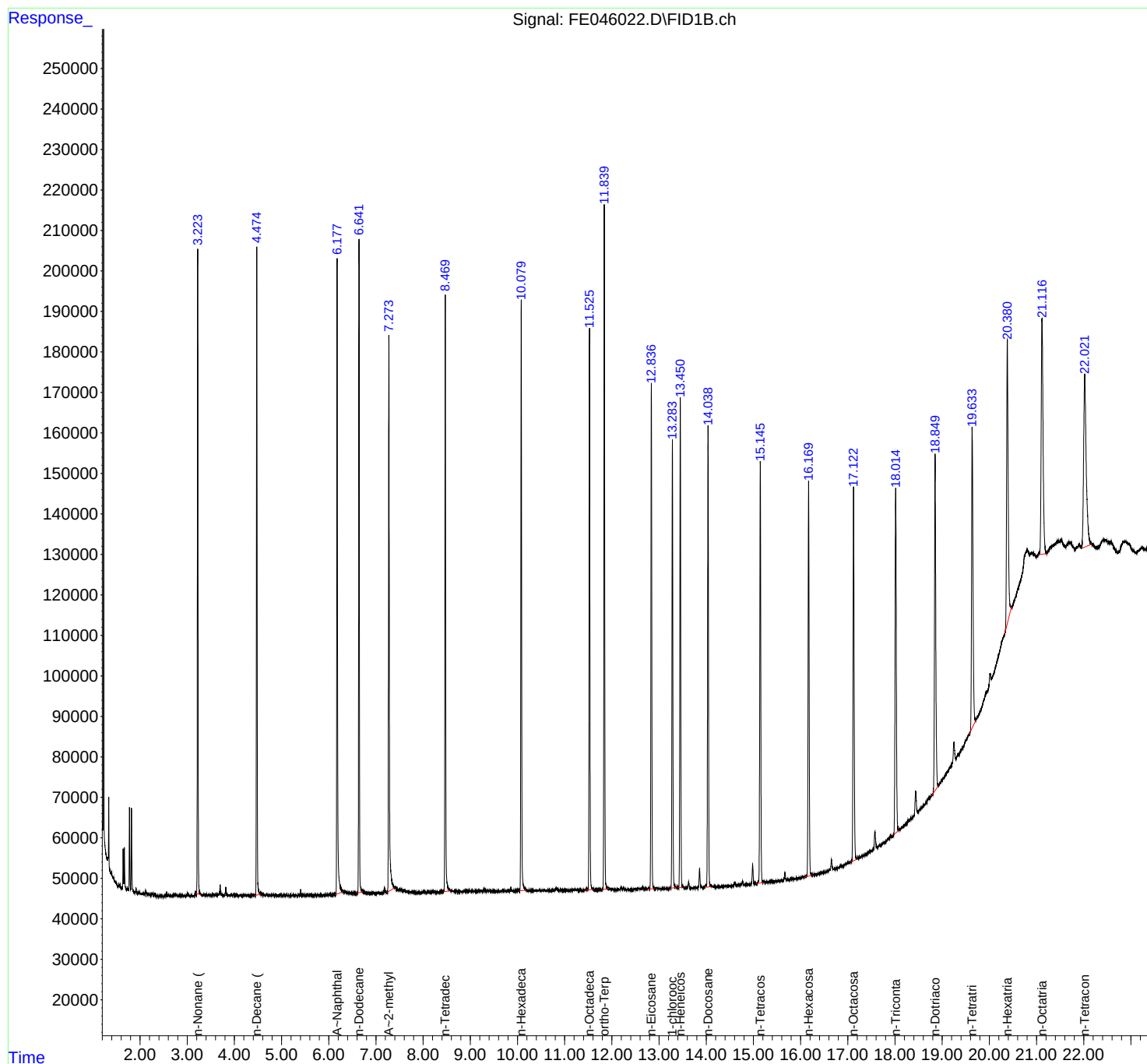
Instrument :
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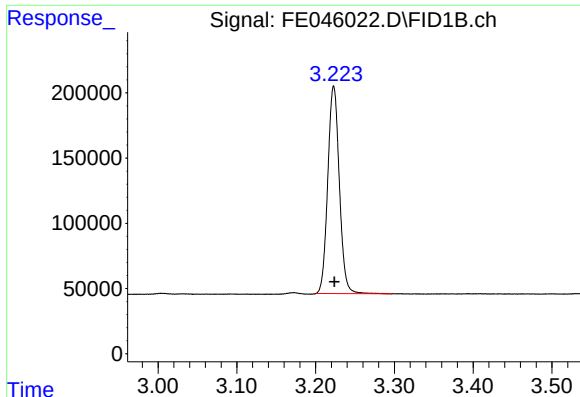
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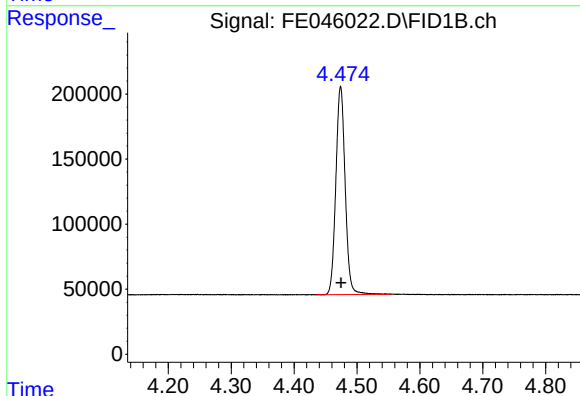
#1 n-Nonane (C9)

R.T.: 3.223 min
Delta R.T.: 0.000 min
Response: 1625019
Conc: 10.35 ug/ml

Instrument :
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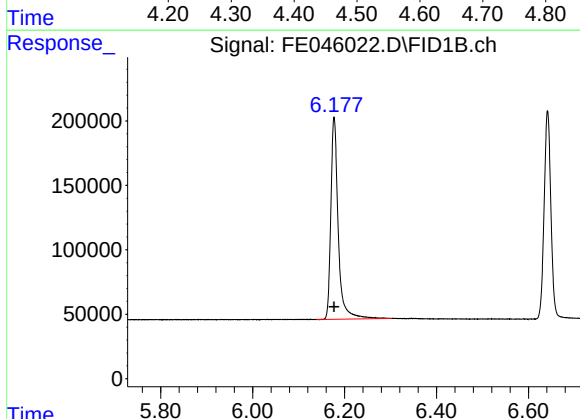
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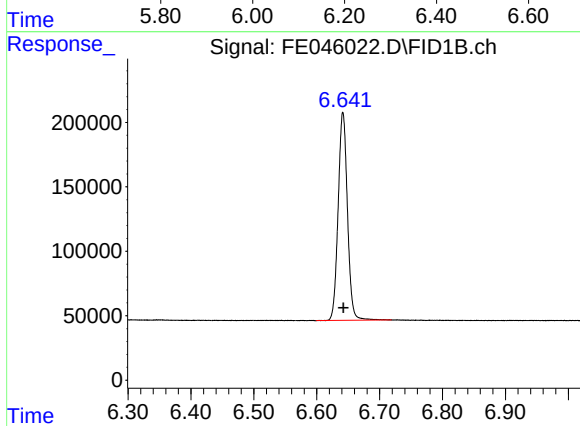
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1648410
Conc: 10.33 ug/ml



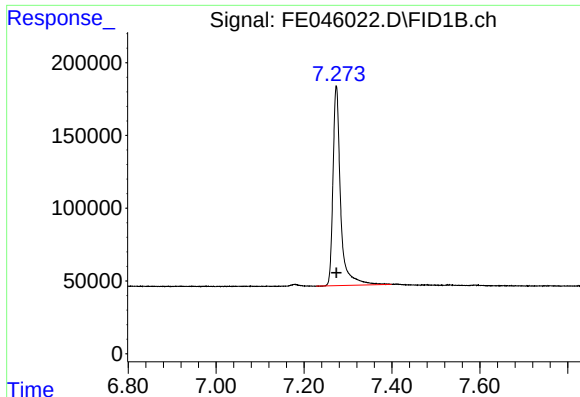
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1752628
Conc: 10.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 1655008
Conc: 10.27 ug/ml



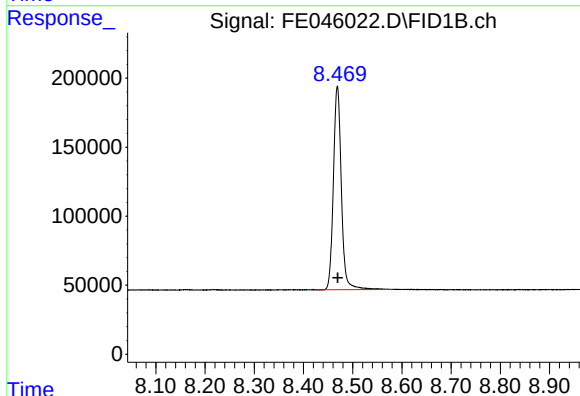
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 1655175
Conc: 9.90 ug/ml

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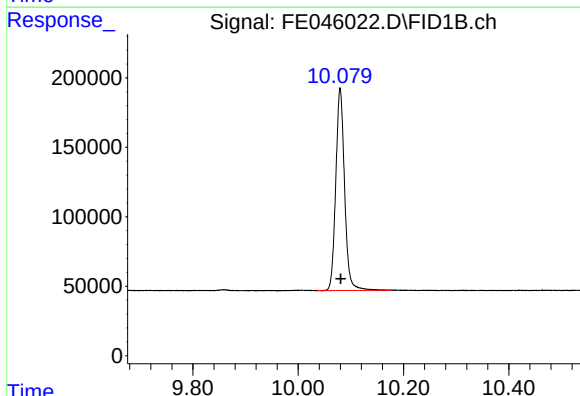
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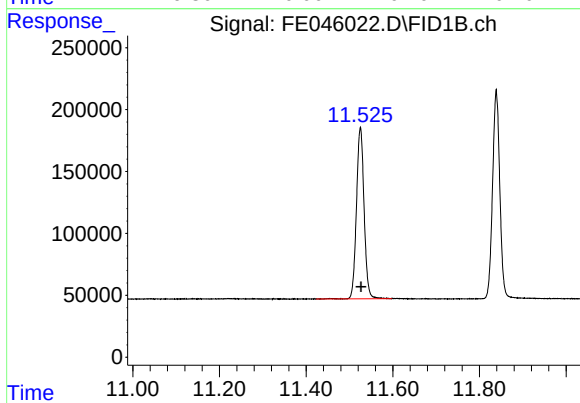
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 1659165
Conc: 10.36 ug/ml



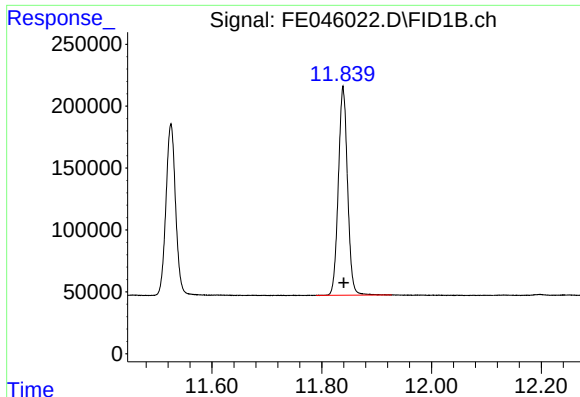
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: 0.000 min
Response: 1688369
Conc: 10.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.001 min
Response: 1688027
Conc: 10.50 ug/ml



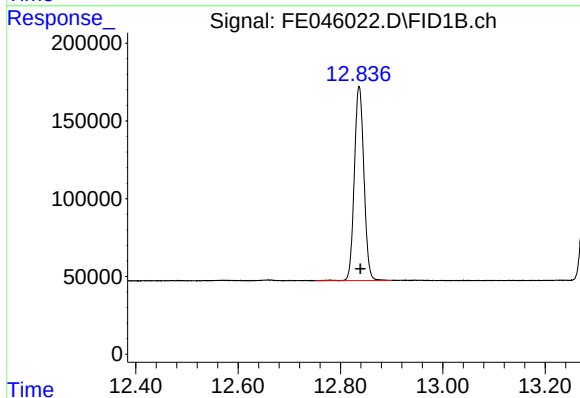
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.001 min
Response: 1954488
Conc: 10.51 ug/ml

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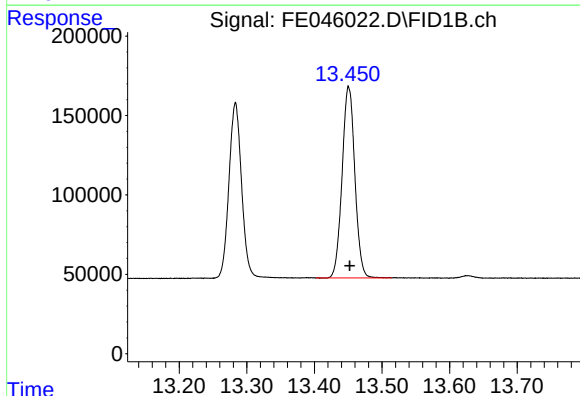
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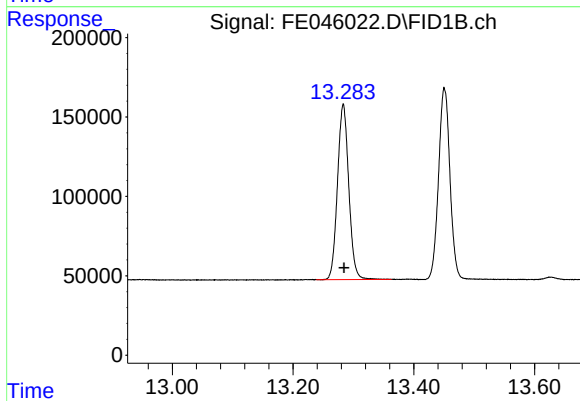
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.002 min
Response: 1623341
Conc: 10.56 ug/ml



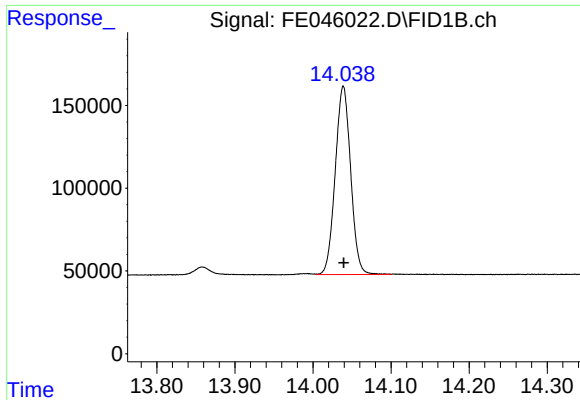
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.002 min
Response: 1578694
Conc: 10.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.001 min
Response: 1431423
Conc: 10.45 ug/ml



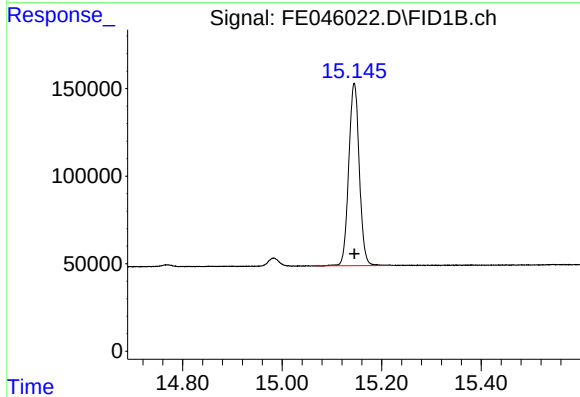
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: 0.000 min
Response: 1560628
Conc: 10.57 ug/ml

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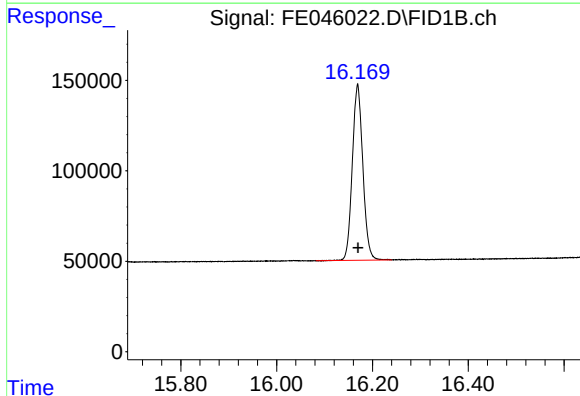
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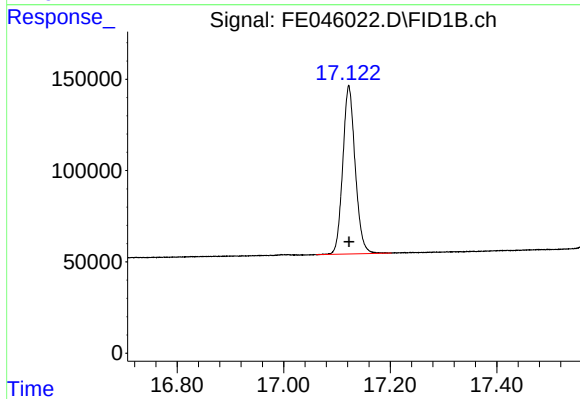
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 1535532
Conc: 10.64 ug/ml



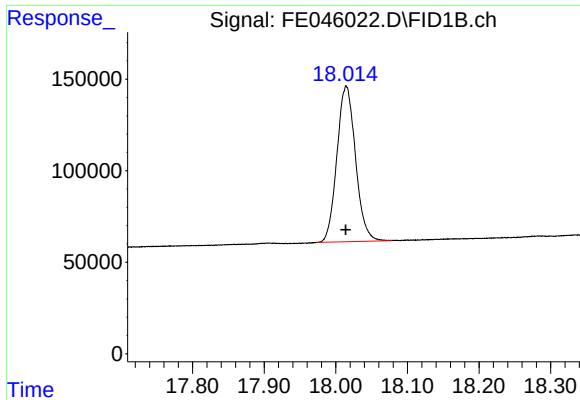
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 1499605
Conc: 10.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.000 min
Response: 1491981
Conc: 10.73 ug/ml



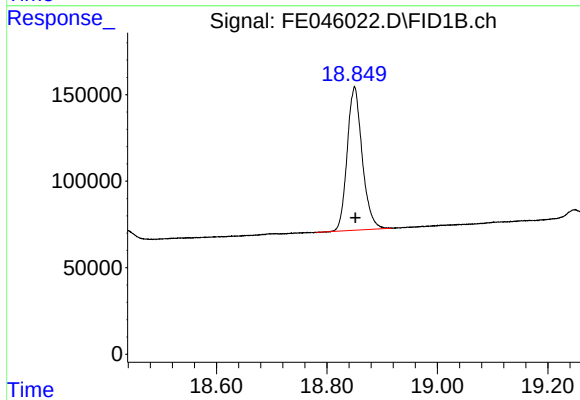
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: 0.000 min
Response: 1534661
Conc: 10.79 ug/ml

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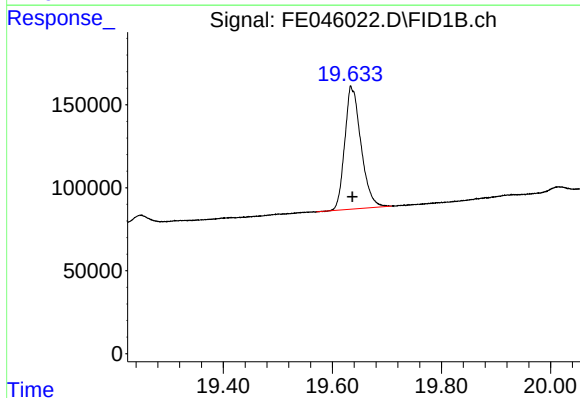
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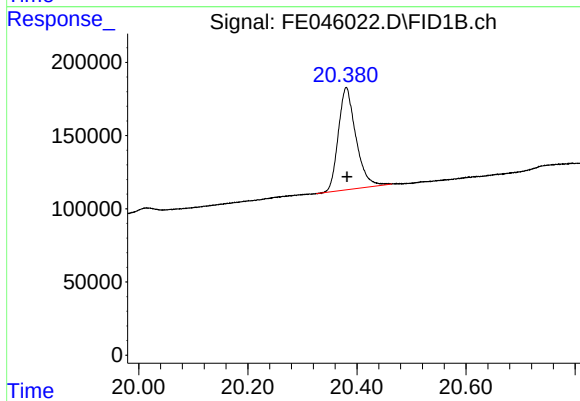
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.001 min
Response: 1560858
Conc: 10.88 ug/ml



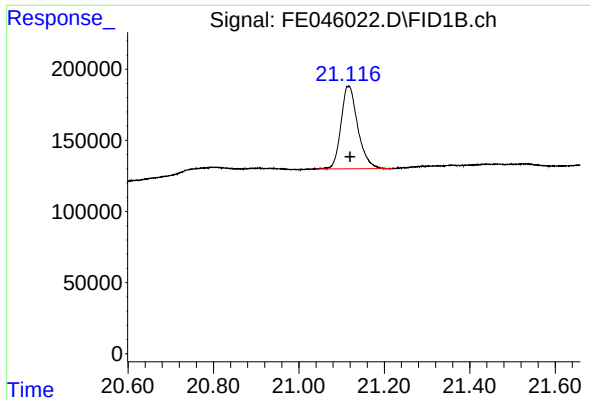
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.003 min
Response: 1526606
Conc: 10.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: -0.001 min
Response: 1558153
Conc: 10.57 ug/ml



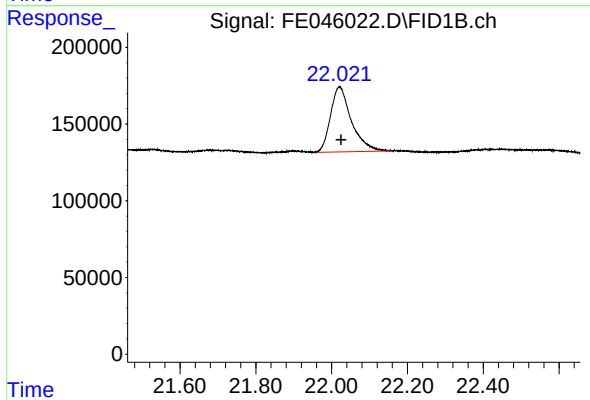
#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.003 min
Response: 1585351
Conc: 10.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.004 min
Response: 1625628
Conc: 10.39 ug/ml m