

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
 Data File : FE047992.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2024 18:46
 Operator : YP\AJ
 Sample : P2378-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-05032024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2024
 Supervised By :Ankita Jodhani 05/07/2024

Integration File: autoint1.e
 Quant Time: May 07 01:31:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.977	4288178	29.724 ug/ml
Spiked Amount 50.000		Recovery =	59.45%
12) S 1-chlorooctadecane (S...	13.411	3855799	34.507 ug/mlm
Spiked Amount 50.000		Recovery =	69.01%
Target Compounds			
1) T n-Nonane (C9)	3.353	4383304	34.011 ug/ml
2) T n-Decane (C10)	4.607	4932969	37.469 ug/ml
3) T A~Naphthalene (C11.7)	6.315	5301650	38.395 ug/ml
4) T n-Dodecane (C12)	6.773	5373932	40.311 ug/ml
5) T A~2-methylnaphthalene...	7.413	5475992	41.150 ug/ml
6) T n-Tetradecane (C14)	8.604	5801400	43.777 ug/ml
7) T n-Hexadecane (C16)	10.211	6139793	44.642 ug/ml
8) T n-Octadecane (C18)	11.655	6327466	45.424 ug/mlm
10) T n-Eicosane (C20)	12.965	6518012	48.409 ug/mlm
11) T n-Heneicosane (C21)	13.578	6199794	46.835 ug/ml
13) T n-Docosane (C22)	14.164	6270428	47.317 ug/ml
14) T n-Tetracosane (C24)	15.263	10925382	82.051 ug/ml
15) T n-Hexacosane (C26)	16.289	6152481	46.106 ug/ml
16) T n-Octacosane (C28)	17.239	6652145	49.961 ug/ml
17) T n-Tricontane (C30)	18.128	6466750	46.856 ug/ml
18) T n-Dotriacontane (C32)	18.959	6230215	45.105 ug/ml
19) T n-Tetratriacontane (C34)	19.744	6635519	48.711 ug/ml
20) T n-Hexatriacontane (C36)	20.484	6705378	49.523 ug/ml
21) T n-Octatriacontane (C38)	21.228	6638981	48.085 ug/ml
22) T n-Tetracontane (C40)	22.162	6355840	45.620 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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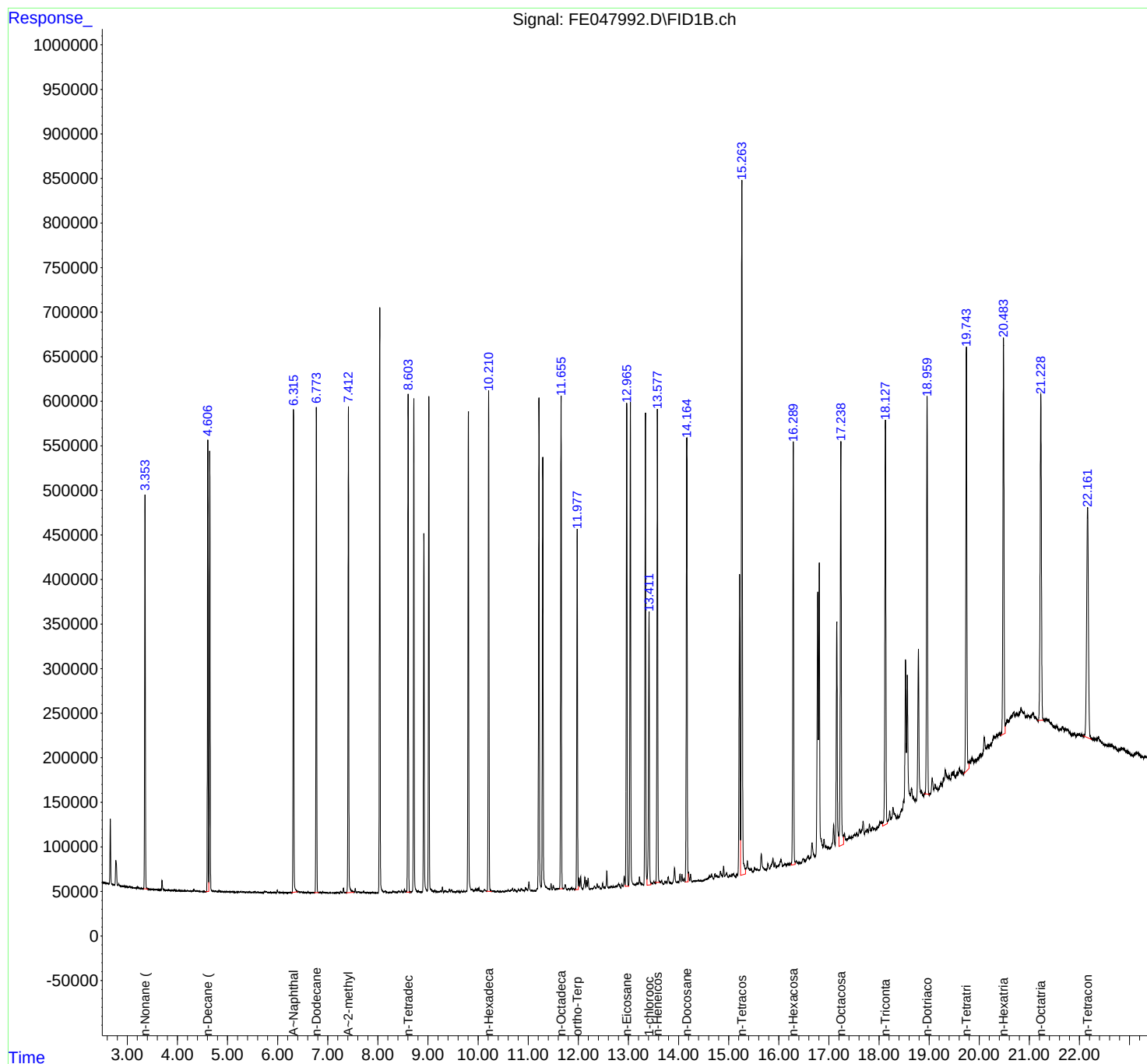
Instrument :
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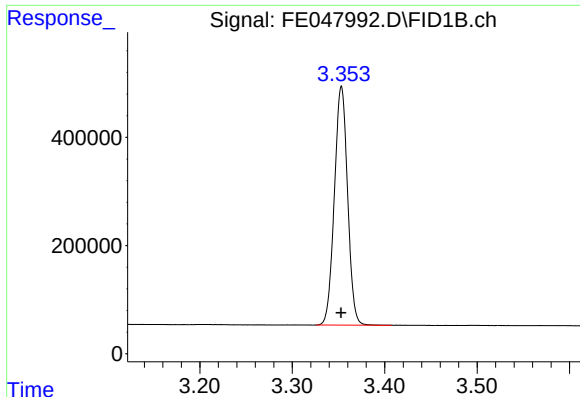
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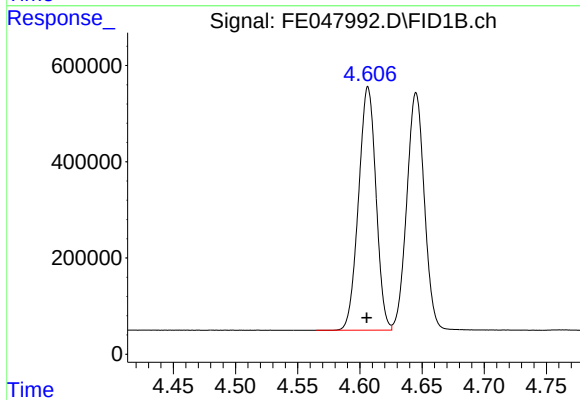
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 4383304
Conc: 34.01 ug/ml

Instrument :
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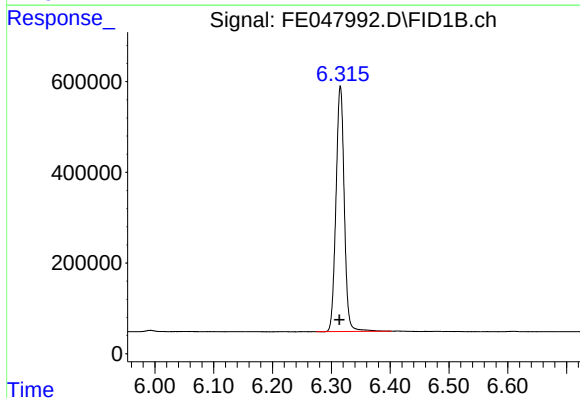
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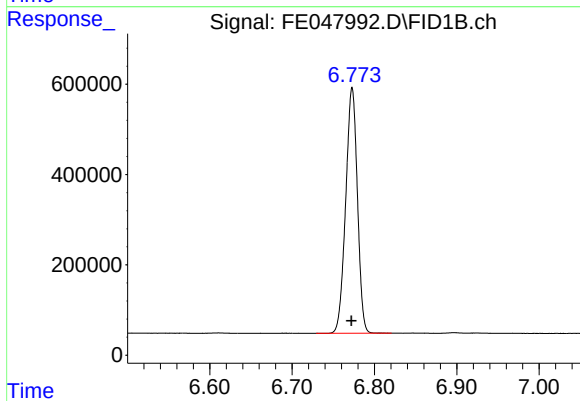
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 4932969
Conc: 37.47 ug/ml



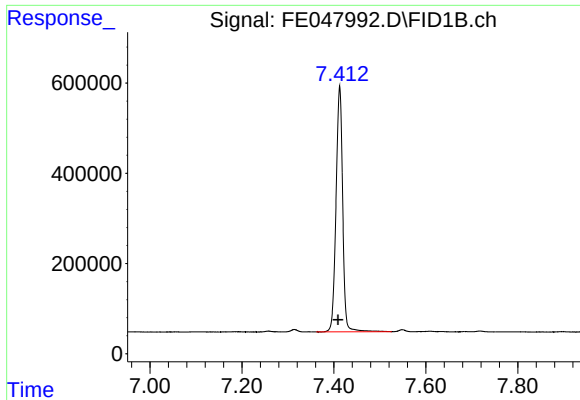
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 5301650
Conc: 38.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.001 min
Response: 5373932
Conc: 40.31 ug/ml



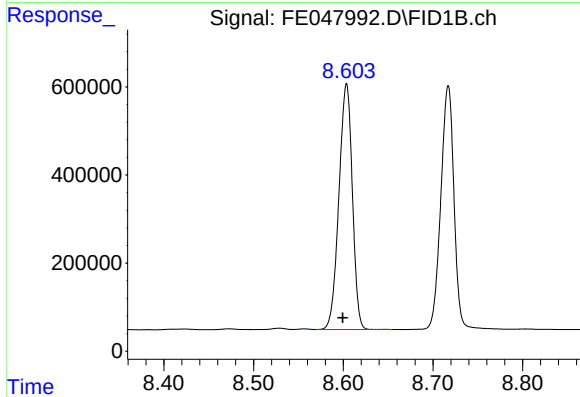
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.413 min
Delta R.T.: 0.004 min
Response: 5475992
Conc: 41.15 ug/ml

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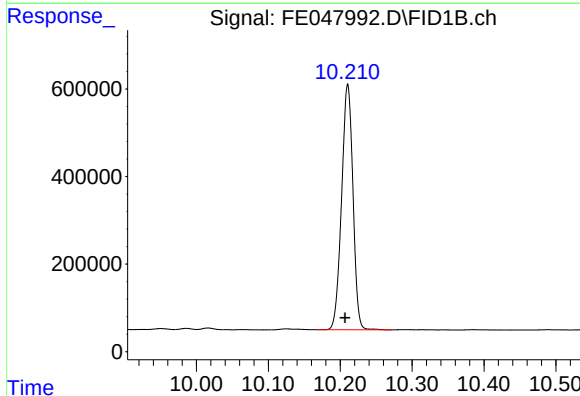
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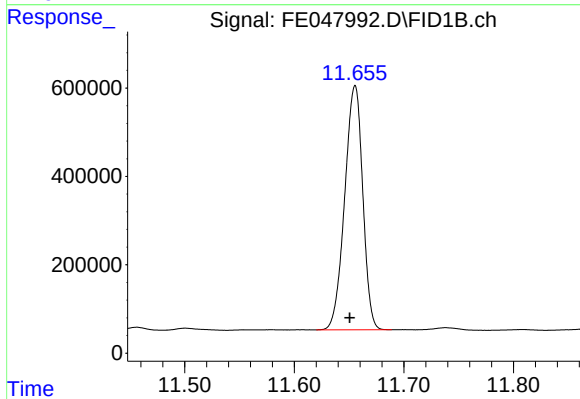
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 5801400
Conc: 43.78 ug/ml



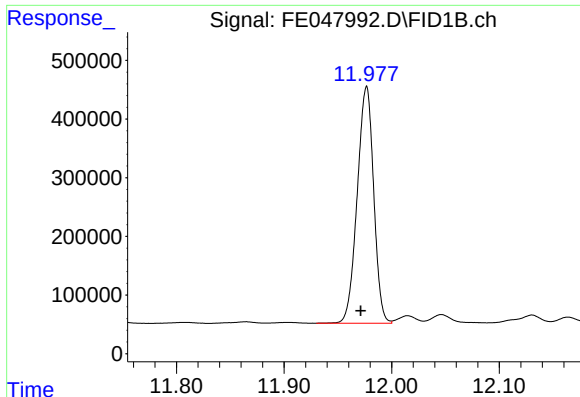
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.004 min
Response: 6139793
Conc: 44.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.005 min
Response: 6327466
Conc: 45.42 ug/ml m



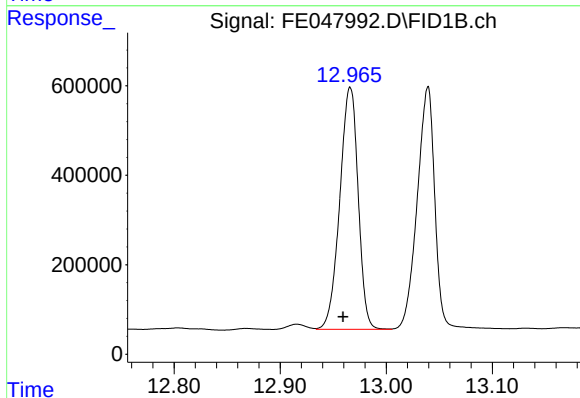
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.006 min
Response: 4288178
Conc: 29.72 ug/ml

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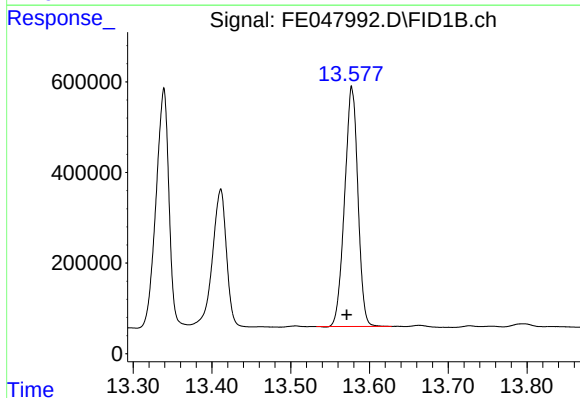
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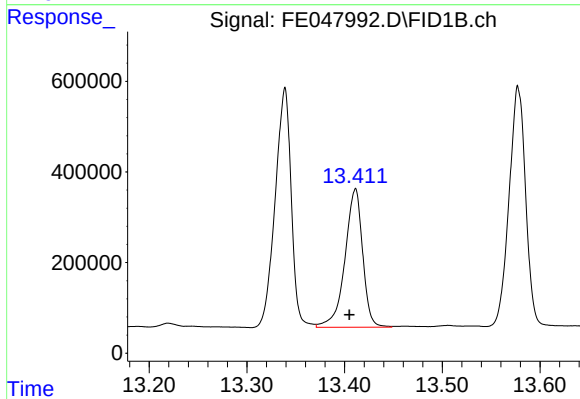
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.006 min
Response: 6518012
Conc: 48.41 ug/ml m



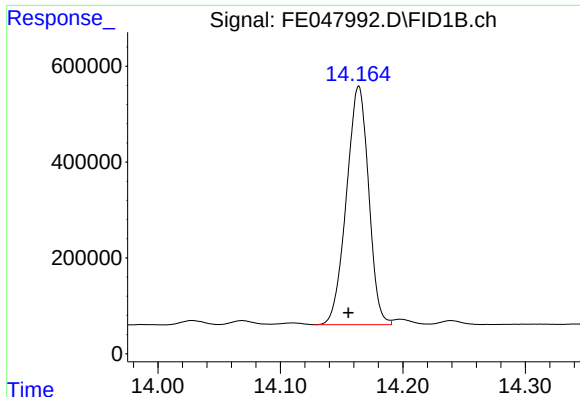
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.006 min
Response: 6199794
Conc: 46.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.006 min
Response: 3855799
Conc: 34.51 ug/ml m



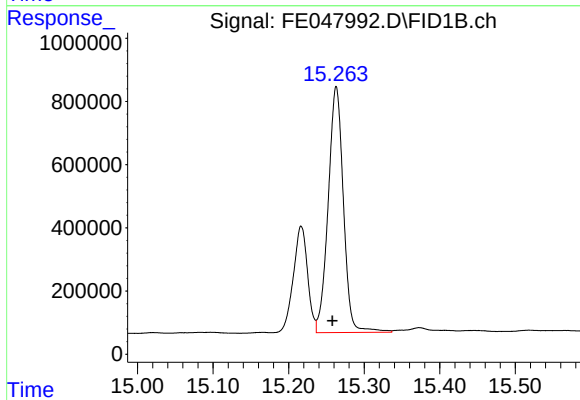
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.009 min
Response: 6270428
Conc: 47.32 ug/ml

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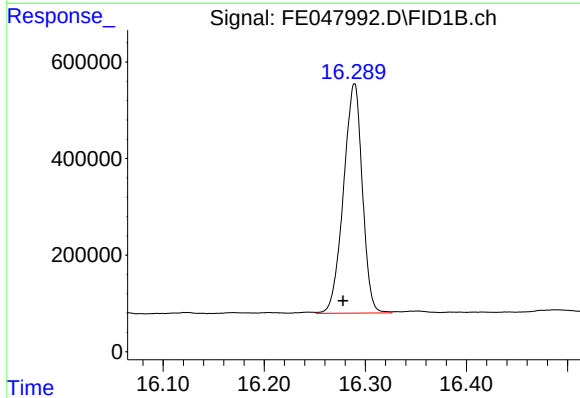
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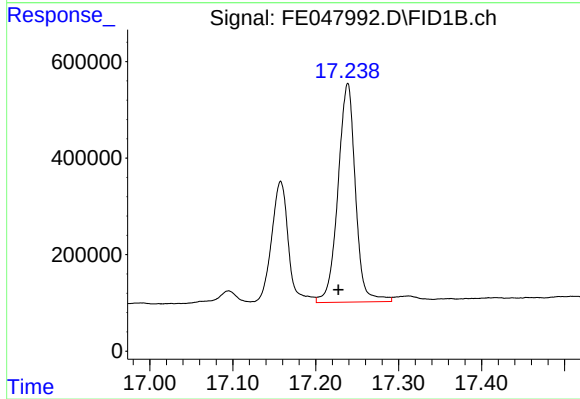
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: 0.005 min
Response: 10925382
Conc: 82.05 ug/ml



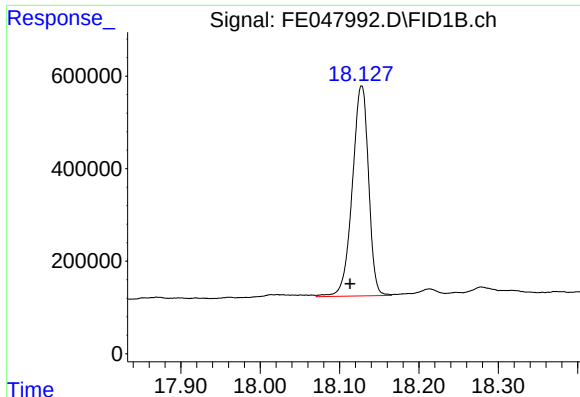
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.011 min
Response: 6152481
Conc: 46.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.011 min
Response: 6652145
Conc: 49.96 ug/ml



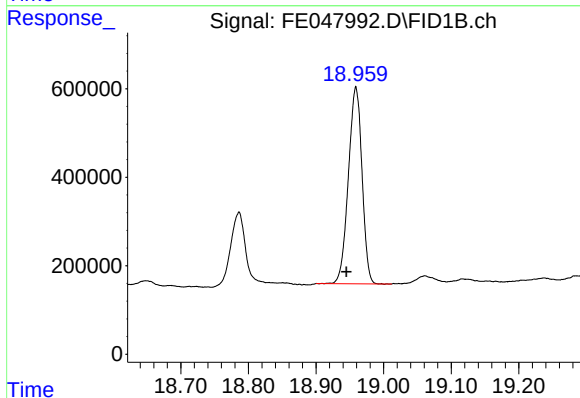
#17 n-Tricontane (C30)

R.T.: 18.128 min
Delta R.T.: 0.014 min
Response: 6466750
Conc: 46.86 ug/ml

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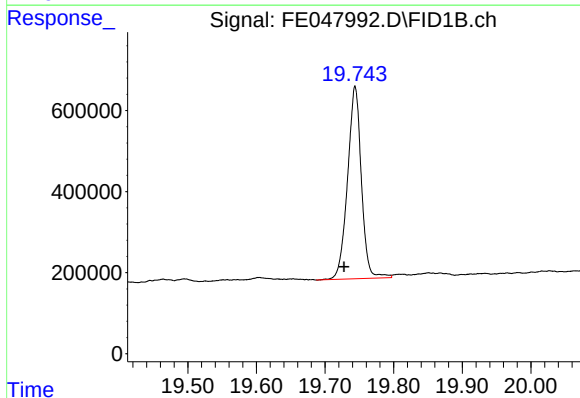
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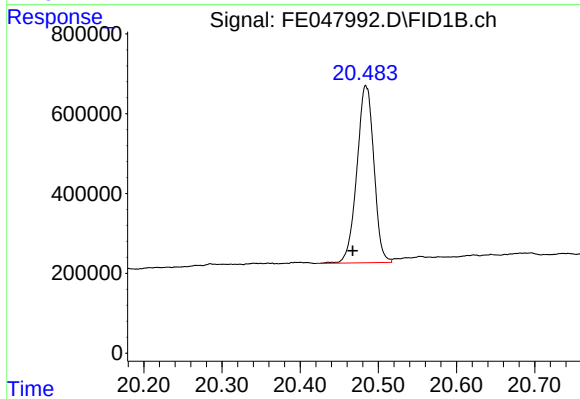
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.014 min
Response: 6230215
Conc: 45.11 ug/ml



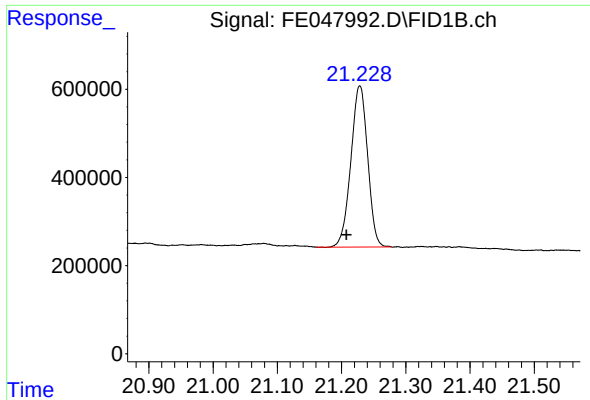
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.016 min
Response: 6635519
Conc: 48.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: 0.017 min
Response: 6705378
Conc: 49.52 ug/ml



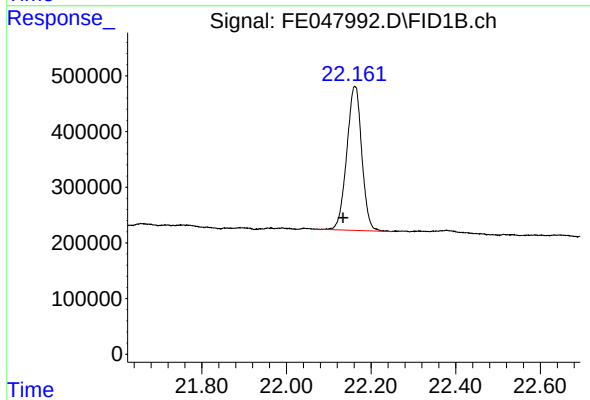
#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: 0.021 min
Response: 6638981
Conc: 48.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.028 min
Response: 6355840
Conc: 45.62 ug/ml