

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040424AL\
 Data File : FE047477.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2024 21:11
 Operator : YP\AJ
 Sample : P1974-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2024
 Supervised By :Ankita Jodhani 04/05/2024

Integration File: autoint1.e
 Quant Time: Apr 05 01:28:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.980	4525283	26.090 ug/ml
Spiked Amount 50.000		Recovery =	52.18%
12) S 1-chlorooctadecane (S...	13.413	3799981	28.253 ug/ml
Spiked Amount 50.000		Recovery =	56.51%
Target Compounds			
1) T n-Nonane (C9)	3.362	3280401	20.968 ug/ml
2) T n-Decane (C10)	4.614	3844470	23.921 ug/ml
3) T A~Naphthalene (C11.7)	6.319	4235585	24.981 ug/ml
4) T n-Dodecane (C12)	6.780	4324382	26.643 ug/ml
5) T A~2-methylnaphthalene...	7.416	4430362	26.978 ug/ml
6) T n-Tetradecane (C14)	8.609	4758601	29.580 ug/ml
7) T n-Hexadecane (C16)	10.217	5291114	31.860 ug/ml
8) T n-Octadecane (C18)	11.660	5723576	34.130 ug/ml
10) T n-Eicosane (C20)	12.970	5824201	35.951 ug/ml
11) T n-Heneicosane (C21)	13.581	5664195	35.697 ug/ml
13) T n-Docosane (C22)	14.166	5634770	35.112 ug/ml
14) T n-Tetracosane (C24)	15.268	9227302	55.901 ug/mlm
15) T n-Hexacosane (C26)	16.289	5513624	33.356 ug/ml
16) T n-Octacosane (C28)	17.239	5585792	33.707 ug/ml
17) T n-Tricontane (C30)	18.124	5553515	32.711 ug/mlm
18) T n-Dotriacontane (C32)	18.956	5496746	32.964 ug/ml
19) T n-Tetratriacontane (C34)	19.740	5579890	34.790 ug/ml
20) T n-Hexatriacontane (C36)	20.479	5619336	35.231 ug/ml
21) T n-Octatriacontane (C38)	21.221	5806829	35.729 ug/ml
22) T n-Tetracontane (C40)	22.154	5934902	36.249 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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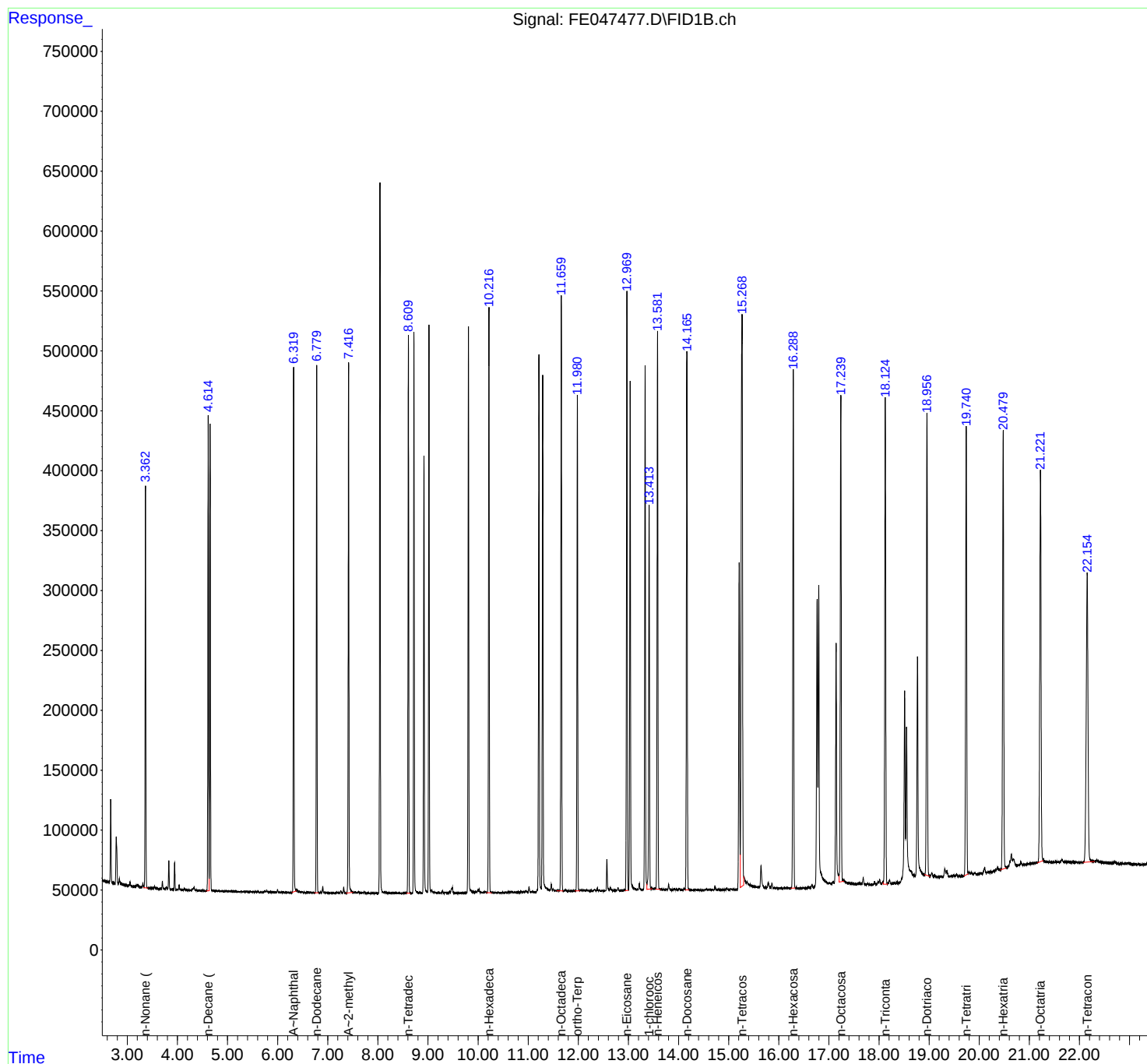
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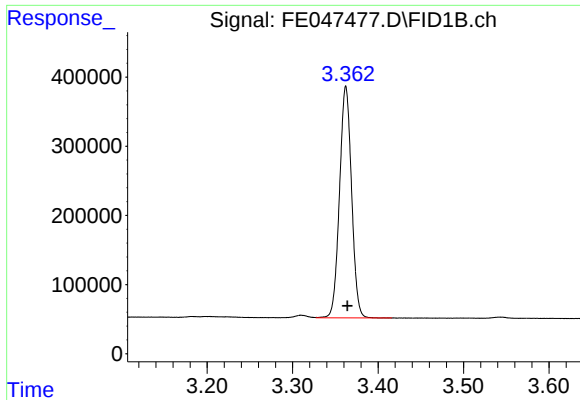
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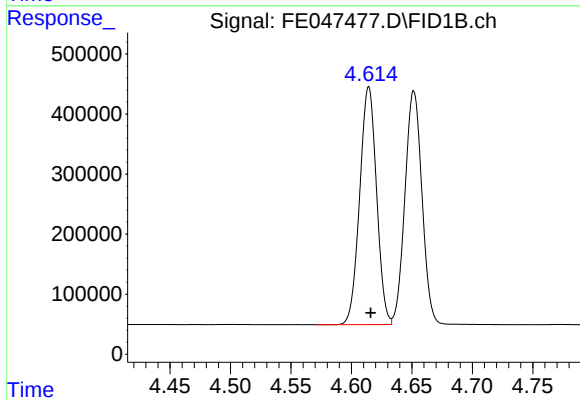
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 3280401
Conc: 20.97 ug/ml

Instrument :
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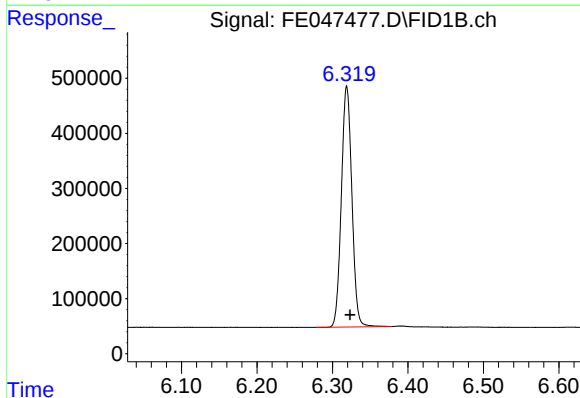
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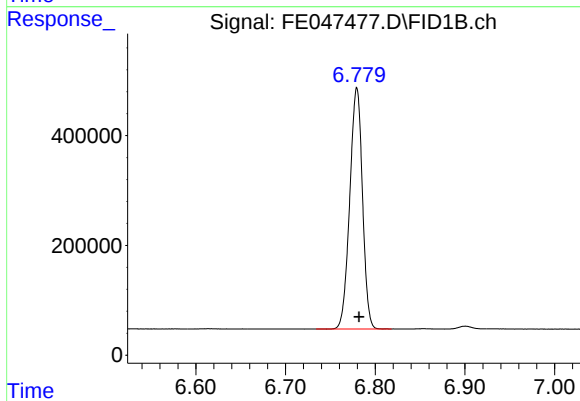
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 3844470
Conc: 23.92 ug/ml



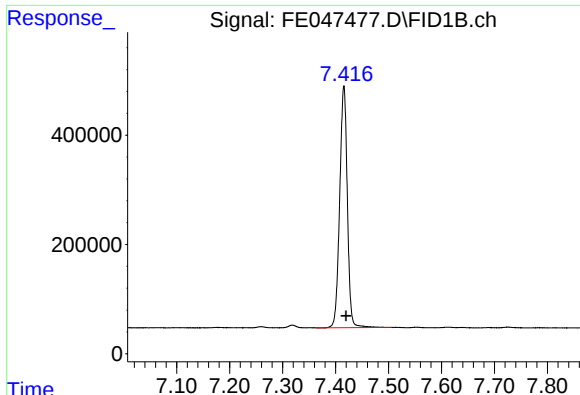
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 4235585
Conc: 24.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: -0.003 min
Response: 4324382
Conc: 26.64 ug/ml



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

R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 4430362
Conc: 26.98 ug/ml

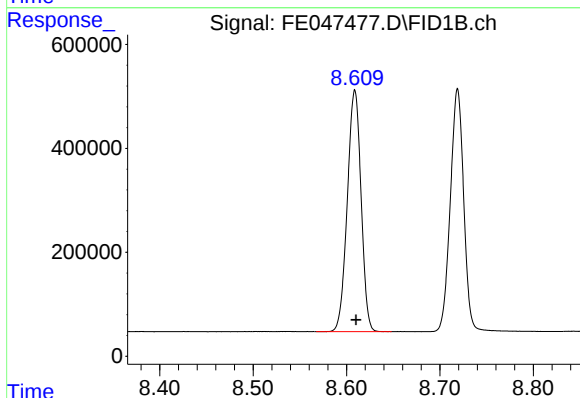
Instrument :

FID_E

ClientSampleId :
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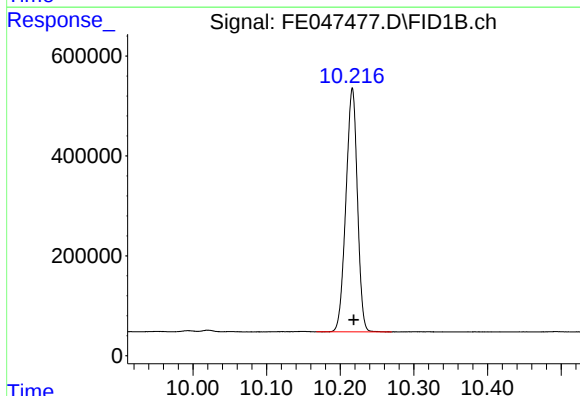
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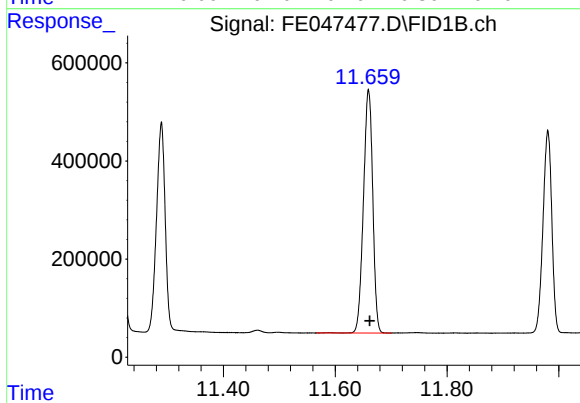
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 4758601
Conc: 29.58 ug/ml



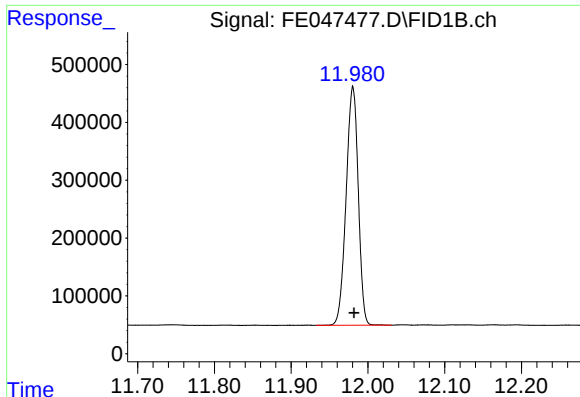
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 5291114
Conc: 31.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 5723576
Conc: 34.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 4525283
Conc: 26.09 ug/ml

Instrument :

FID_E

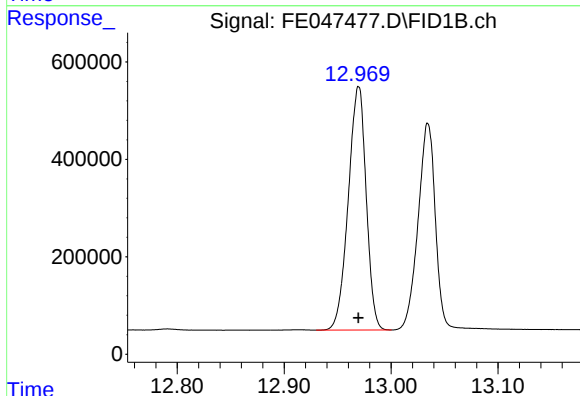
ClientSampleId :

SOIL-3MSD

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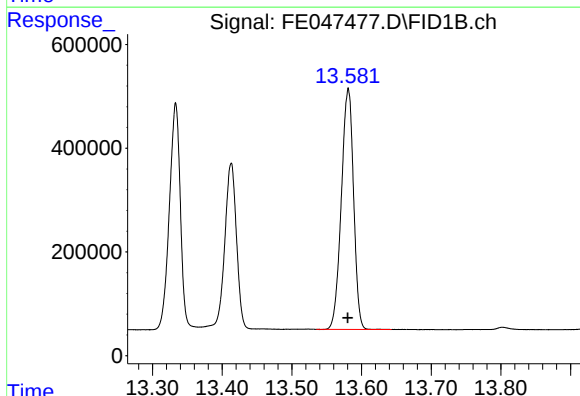
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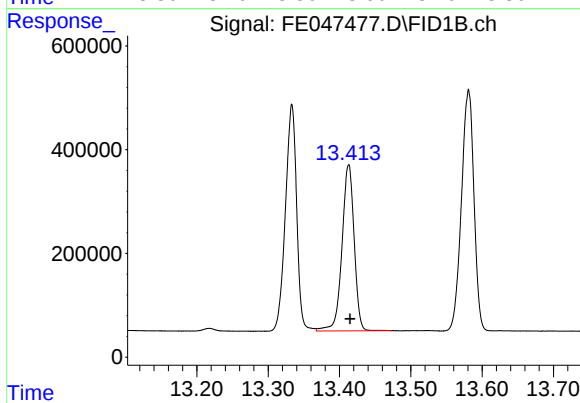
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 5824201
Conc: 35.95 ug/ml



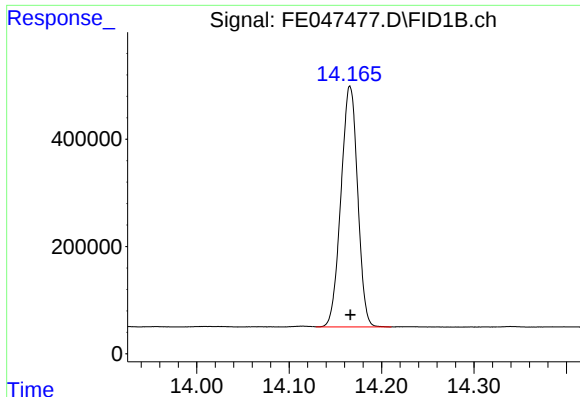
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 5664195
Conc: 35.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 3799981
Conc: 28.25 ug/ml



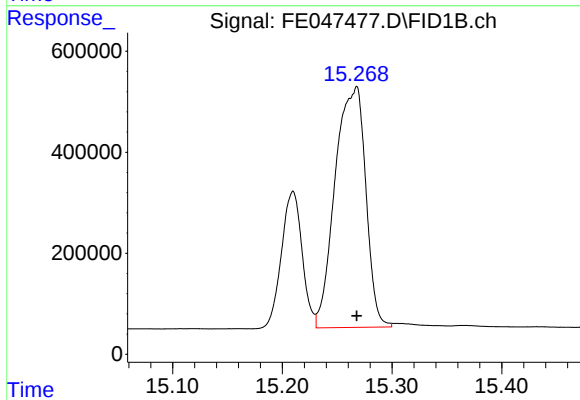
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 5634770
Conc: 35.11 ug/ml

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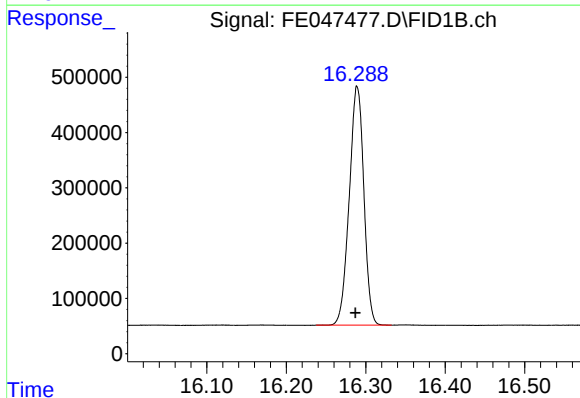
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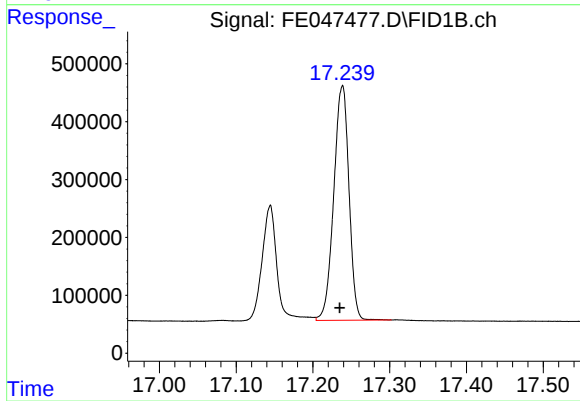
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 9227302
Conc: 55.90 ug/ml m



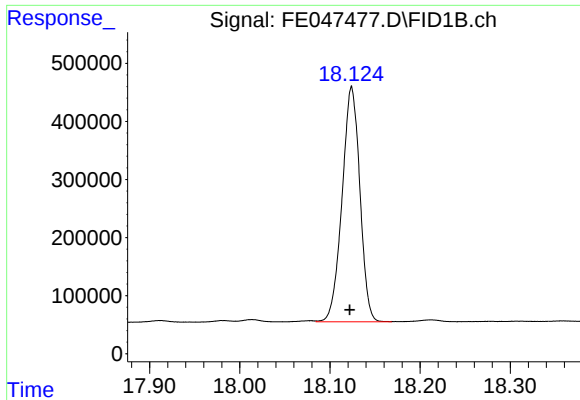
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 5513624
Conc: 33.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.003 min
Response: 5585792
Conc: 33.71 ug/ml



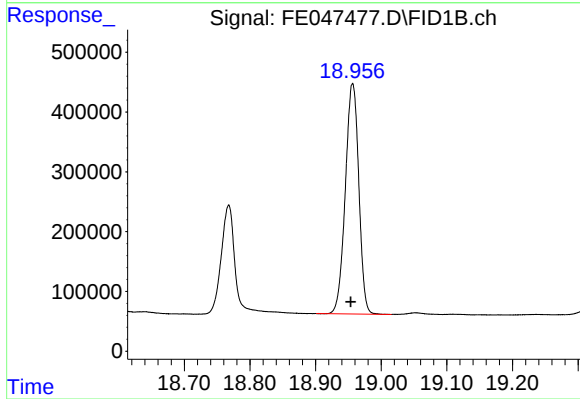
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 5553515
Conc: 32.71 ug/ml

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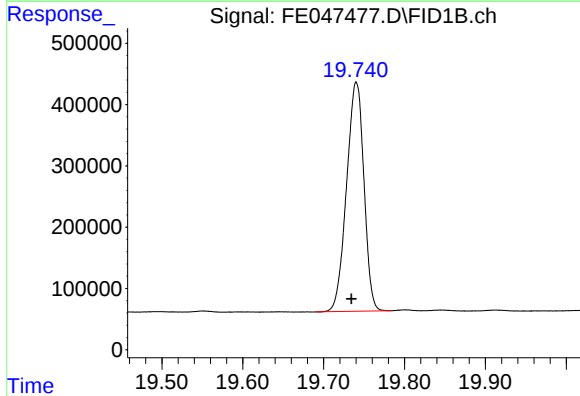
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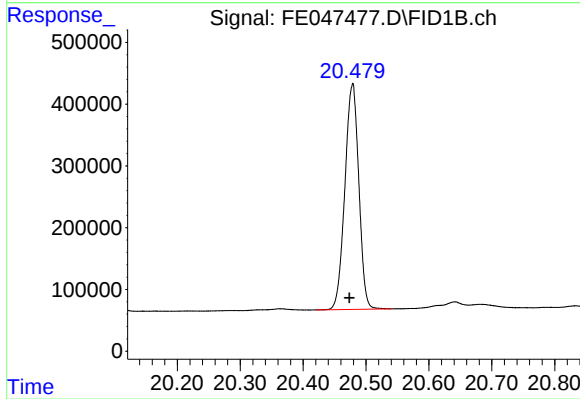
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.003 min
Response: 5496746
Conc: 32.96 ug/ml



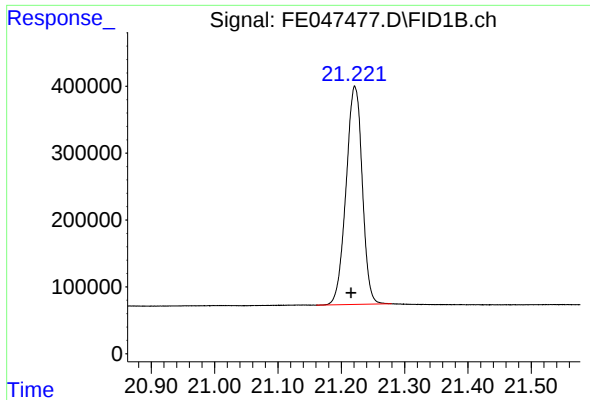
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 5579890
Conc: 34.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 5619336
Conc: 35.23 ug/ml



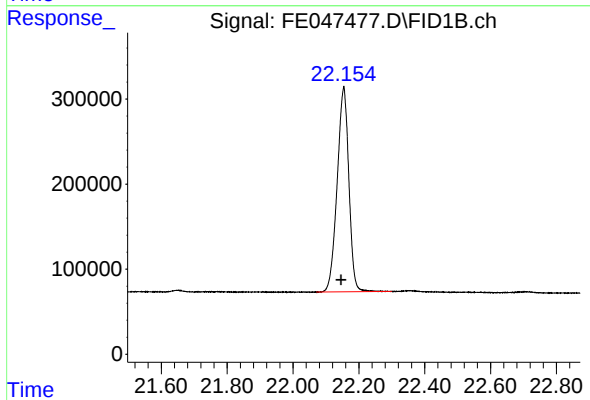
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.006 min
Response: 5806829
Conc: 35.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.008 min
Response: 5934902
Conc: 36.25 ug/ml