

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110823AL\
 Data File : FE045230.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2023 15:51
 Operator : YP\AJ
 Sample : PB156993BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156993BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e
 Quant Time: Nov 08 23:10:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.887	5992283	31.385 ug/ml
Spiked Amount 50.000		Recovery =	62.77%
12) S 1-chlorooctadecane (S...	13.329	4529326	32.883 ug/ml
Spiked Amount 50.000		Recovery =	65.77%
Target Compounds			
1) T n-Nonane (C9)	3.281	5855923	35.448 ug/ml
2) T n-Decane (C10)	4.528	6426121	38.324 ug/ml
3) T A~Naphthalene (C11.7)	6.224	6978694	39.096 ug/ml
4) T n-Dodecane (C12)	6.690	6789991	40.205 ug/ml
5) T A~2-methylnaphthalene...	7.319	6770162	39.426 ug/ml
6) T n-Tetradecane (C14)	8.517	6769040	40.614 ug/ml
7) T n-Hexadecane (C16)	10.127	6703368	39.853 ug/ml
8) T n-Octadecane (C18)	11.573	6653124	39.751 ug/ml
10) T n-Eicosane (C20)	12.885	6552598	41.365 ug/ml
11) T n-Heneicosane (C21)	13.498	6226335	40.495 ug/ml
13) T n-Docosane (C22)	14.086	6162906	40.675 ug/ml
14) T n-Tetracosane (C24)	15.172	12508368	84.453 ug/mlm
15) T n-Hexacosane (C26)	16.216	6011831	41.246 ug/ml
16) T n-Octacosane (C28)	17.166	6258100	42.826 ug/ml
17) T n-Tricontane (C30)	18.057	6243975	41.106 ug/ml
18) T n-Dotriacontane (C32)	18.892	6396228	40.943 ug/ml
19) T n-Tetratriacontane (C34)	19.677	6399423	40.986 ug/ml
20) T n-Hexatriacontane (C36)	20.419	6312403	38.889 ug/ml
21) T n-Octatriacontane (C38)	21.155	6373072	38.359 ug/ml
22) T n-Tetracontane (C40)	22.071	6305698	36.917 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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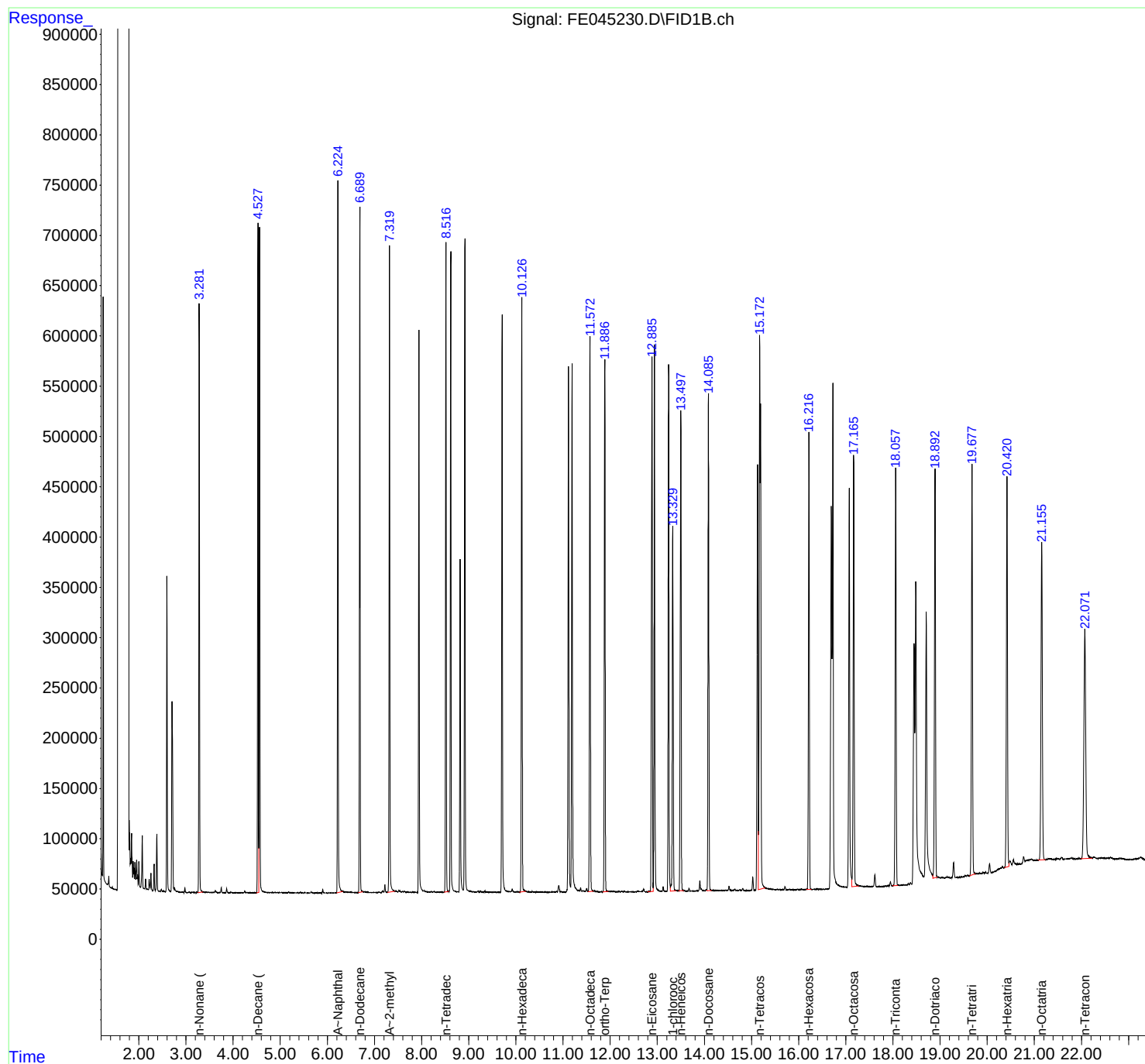
Instrument :
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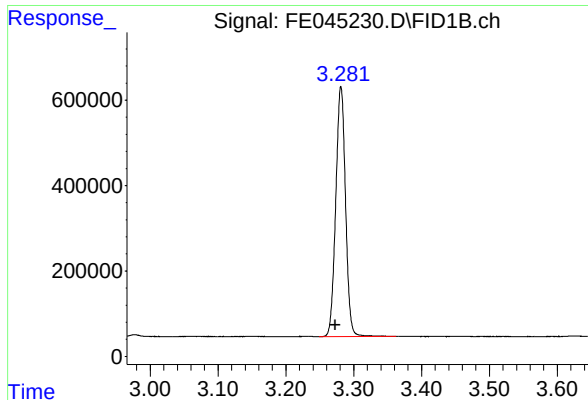
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#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.008 min
Response: 5855923
Conc: 35.45 ug/ml

Instrument :

FID_E

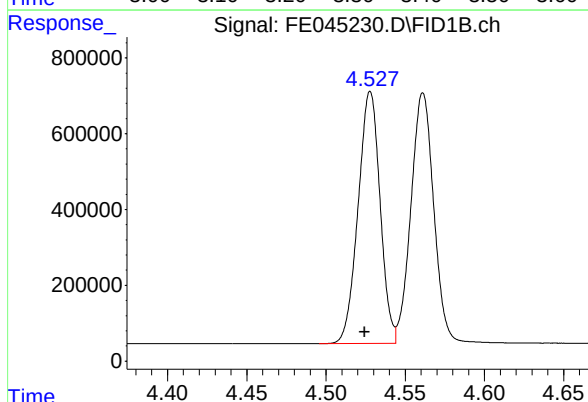
ClientSampleId :

PB156993BSD

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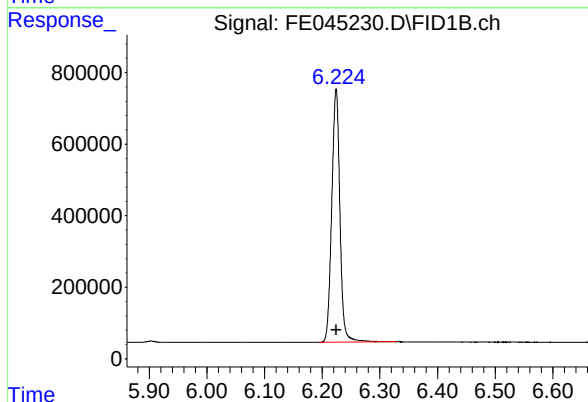
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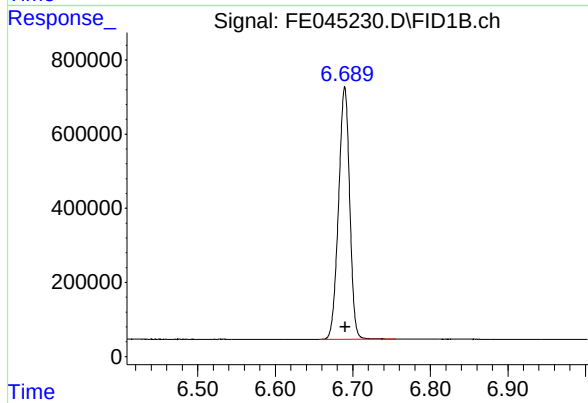
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 6426121
Conc: 38.32 ug/ml



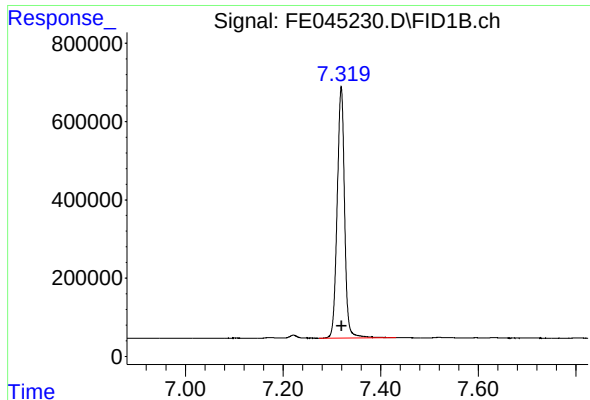
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 6978694
Conc: 39.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 6789991
Conc: 40.20 ug/ml



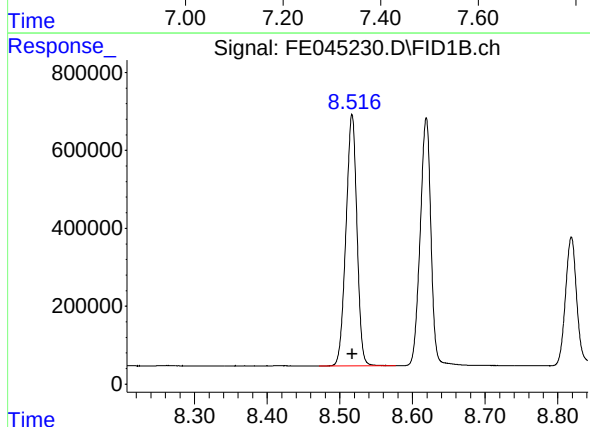
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.001 min
Response: 6770162
Conc: 39.43 ug/ml

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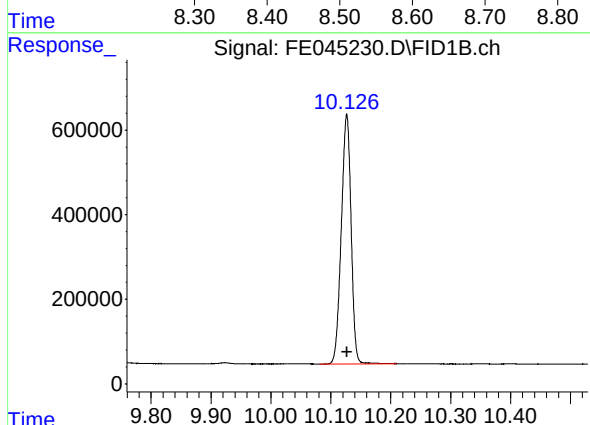
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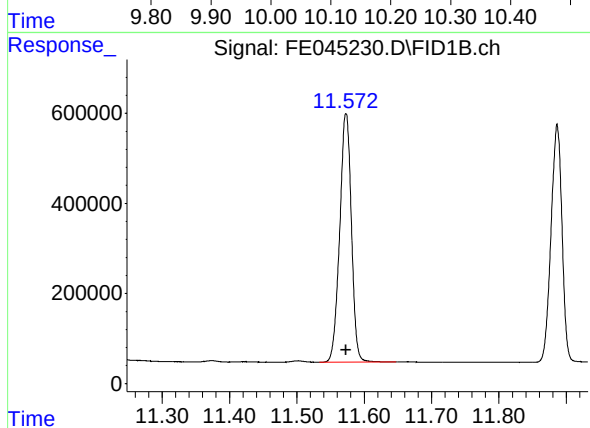
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 6769040
Conc: 40.61 ug/ml



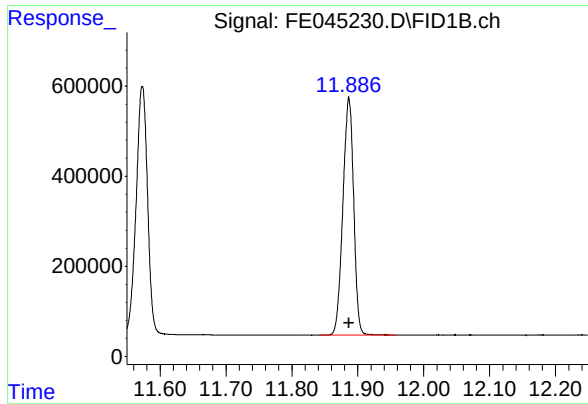
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.000 min
Response: 6703368
Conc: 39.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 6653124
Conc: 39.75 ug/ml



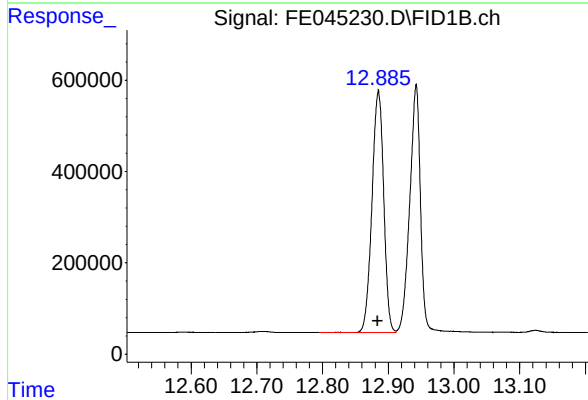
#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min
Delta R.T.: 0.000 min
Response: 5992283
Conc: 31.39 ug/ml

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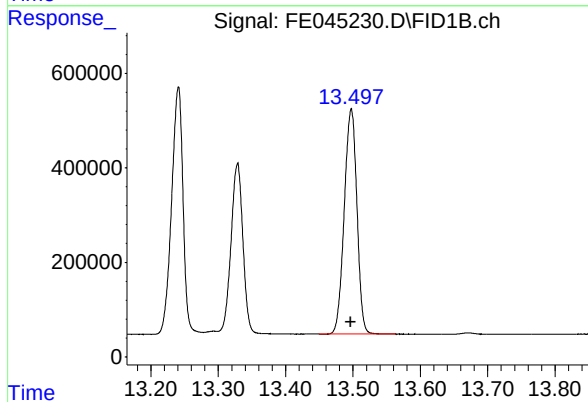
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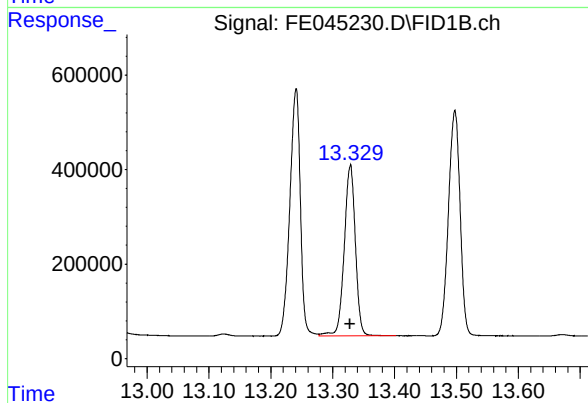
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: 0.001 min
Response: 6552598
Conc: 41.37 ug/ml



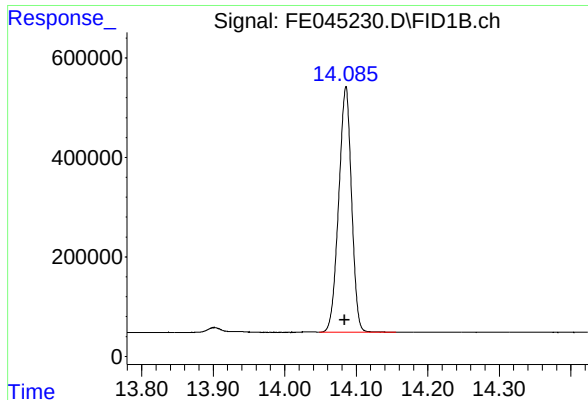
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: 0.000 min
Response: 6226335
Conc: 40.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: 0.000 min
Response: 4529326
Conc: 32.88 ug/ml



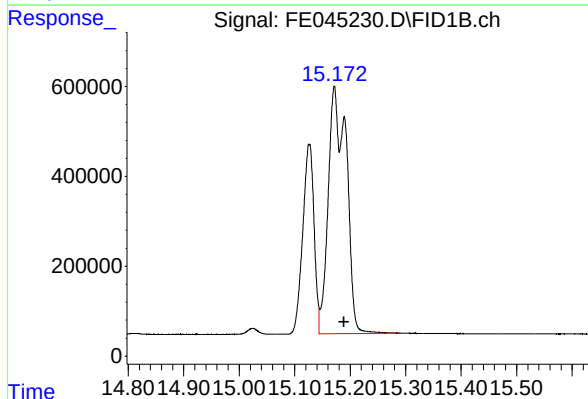
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: 0.002 min
Response: 6162906
Conc: 40.68 ug/ml

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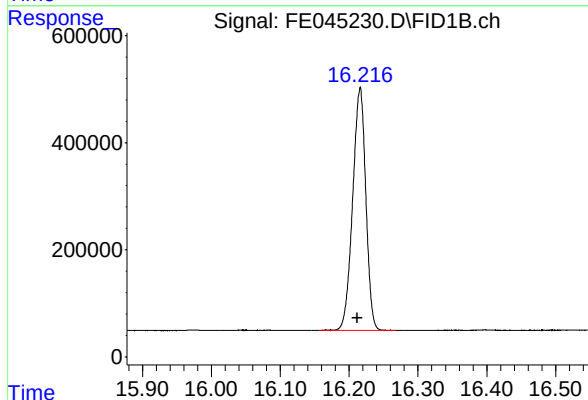
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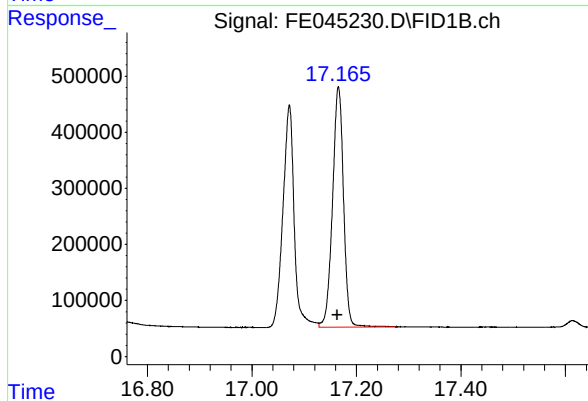
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.018 min
Response: 12508368
Conc: 84.45 ug/ml m



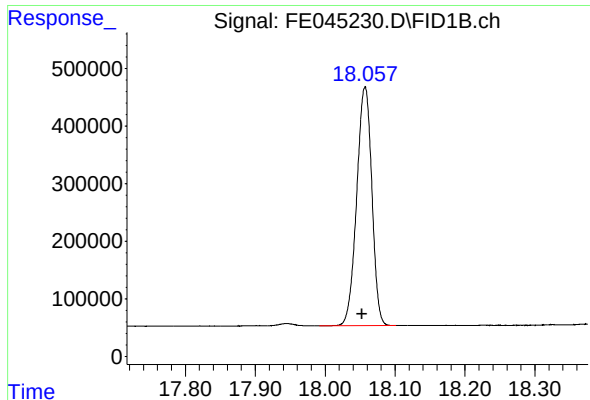
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.004 min
Response: 6011831
Conc: 41.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: 0.002 min
Response: 6258100
Conc: 42.83 ug/ml



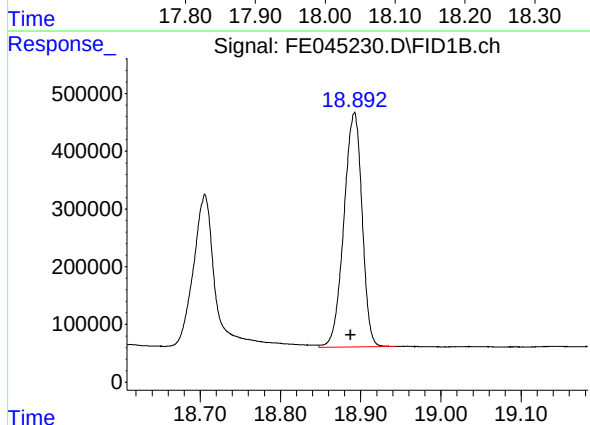
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.004 min
Response: 6243975
Conc: 41.11 ug/ml

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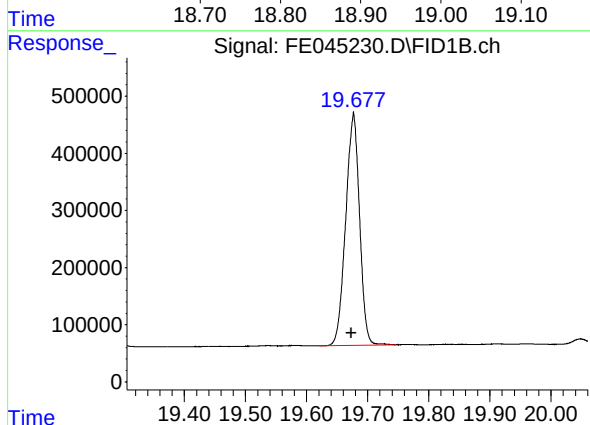
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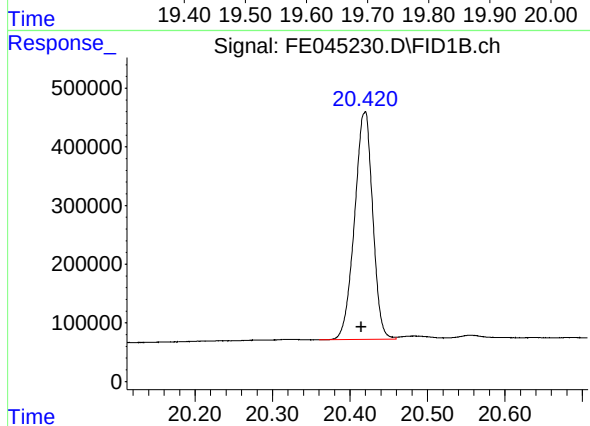
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: 0.005 min
Response: 6396228
Conc: 40.94 ug/ml



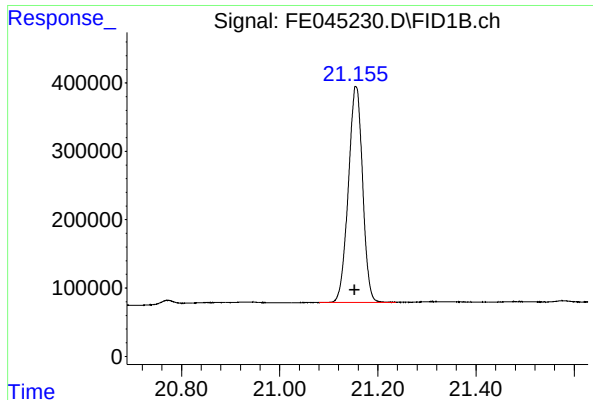
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.004 min
Response: 6399423
Conc: 40.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.419 min
Delta R.T.: 0.005 min
Response: 6312403
Conc: 38.89 ug/ml



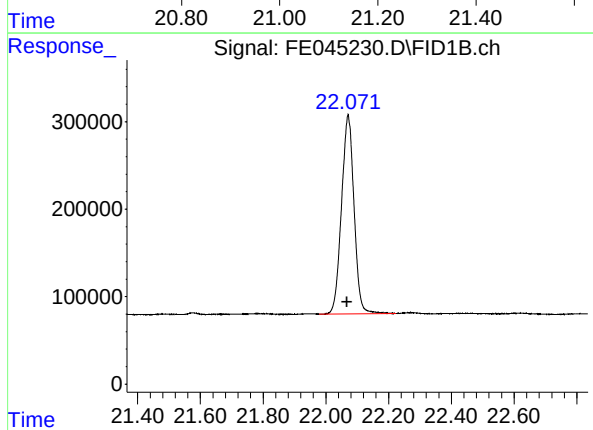
#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.003 min
Response: 6373072
Conc: 38.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: 0.003 min
Response: 6305698
Conc: 36.92 ug/ml