

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090723AL\
 Data File : FE044131.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2023 19:07
 Operator : YP\AJ
 Sample : 04305-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-9-5-23-EPHMS

Integration File: autoint1.e
 Quant Time: Sep 08 01:17:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.937	5888329	31.081 ug/ml
Spiked Amount	50.000	Recovery =	62.16%
12) S 1-chlorooctadecane (S...	13.376	4701995	34.036 ug/ml
Spiked Amount	50.000	Recovery =	68.07%
Target Compounds			
1) T n-Nonane (C9)	3.324	4646600	28.484 ug/ml
2) T n-Decane (C10)	4.576	5306849	31.928 ug/ml
3) T A~Naphthalene (C11.7)	6.276	5819420	32.498 ug/ml
4) T n-Dodecane (C12)	6.740	5780712	34.373 ug/ml
5) T A~2-methylnaphthalene...	7.372	5918465	34.523 ug/ml
6) T n-Tetradecane (C14)	8.568	6143728	36.634 ug/ml
7) T n-Hexadecane (C16)	10.176	6654902	38.504 ug/ml
8) T n-Octadecane (C18)	11.621	7025162	40.358 ug/ml
10) T n-Eicosane (C20)	12.933	7173911	43.370 ug/ml
11) T n-Heneicosane (C21)	13.544	6916053	42.757 ug/ml
13) T n-Docosane (C22)	14.132	6861212	42.947 ug/ml
14) T n-Tetracosane (C24)	15.234	5404823	34.563 ug/ml
15) T n-Hexacosane (C26)	16.259	6546961	43.428 ug/ml
16) T n-Octacosane (C28)	17.208	6397591	44.332 ug/ml
17) T n-Tricontane (C30)	18.098	6173110	42.491 ug/ml
18) T n-Dotriacontane (C32)	18.930	5927491	41.612 ug/ml
19) T n-Tetratriacontane (C34)	19.716	5838222	41.720 ug/ml
20) T n-Hexatriacontane (C36)	20.457	5649433	41.208 ug/ml
21) T n-Octatriacontane (C38)	21.201	5781825	41.651 ug/ml
22) T n-Tetracontane (C40)	22.126	5952604	43.053 ug/ml

(f)=RT Delta > 1/2 Window

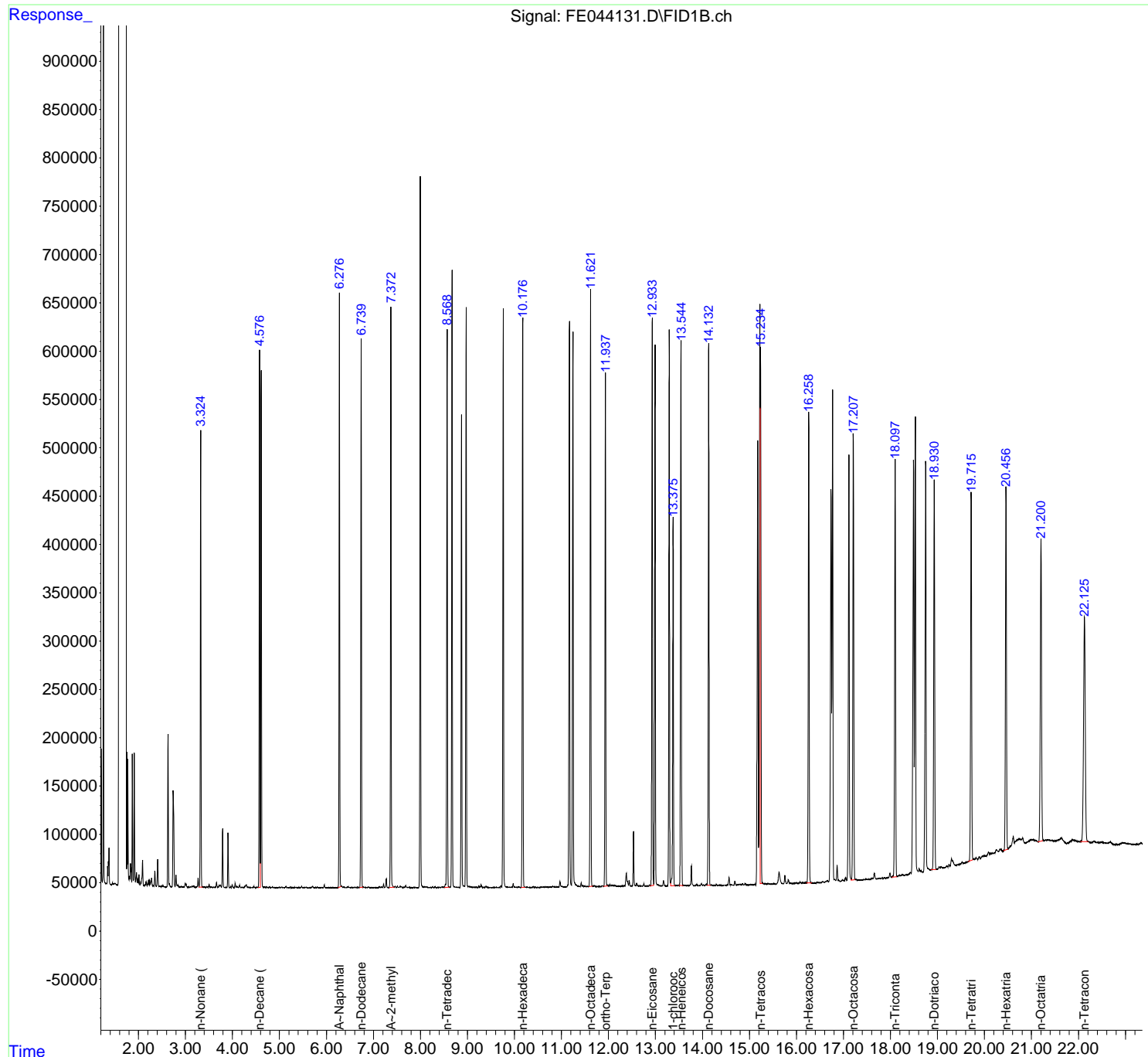
(m)=manual int.

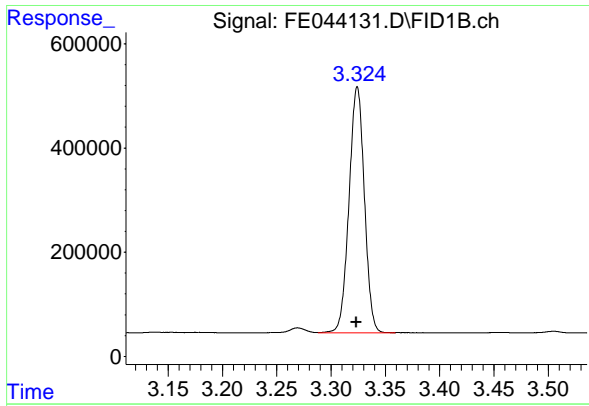
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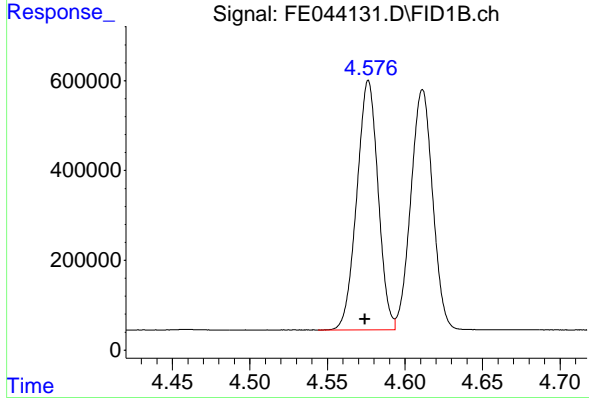




#1 n-Nonane (C9)

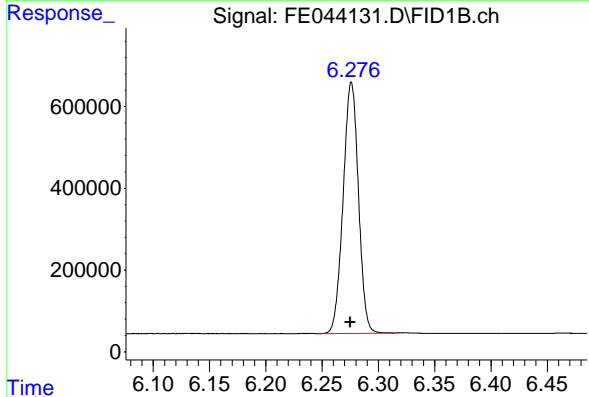
R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 4646600
Conc: 28.48 ug/ml

Instrument : FID_E
ClientSampleId : TP-9-5-23-EPHMS



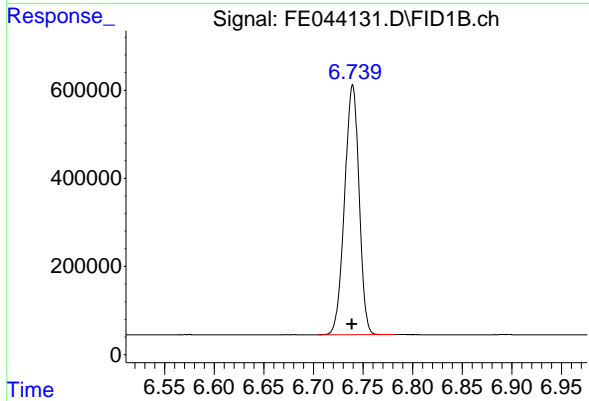
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 5306849
Conc: 31.93 ug/ml



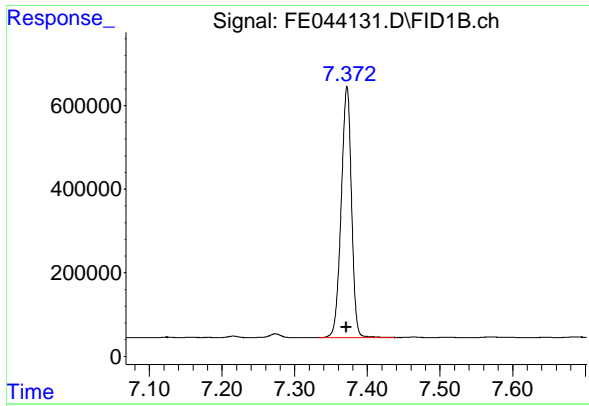
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 5819420
Conc: 32.50 ug/ml



#4 n-Dodecane (C12)

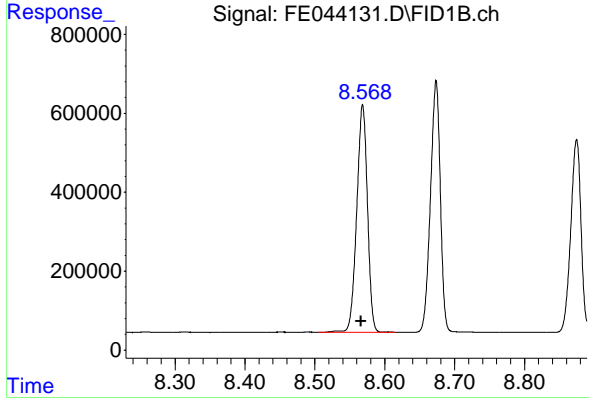
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 5780712
Conc: 34.37 ug/ml



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

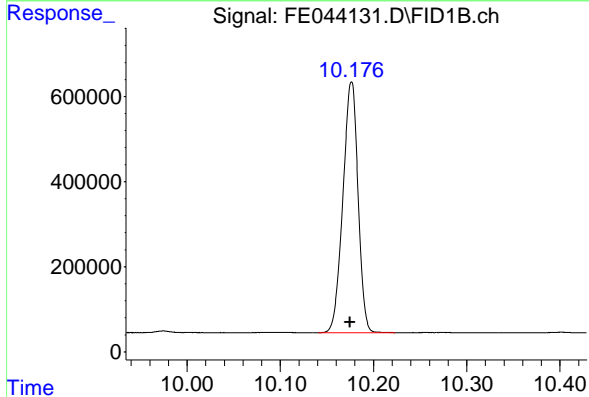
R.T.: 7.372 min
 Delta R.T.: 0.000 min
 Response: 5918465
 Conc: 34.52 ug/ml

Instrument : FID_E
 ClientSampleId : TP-9-5-23-EPHMS



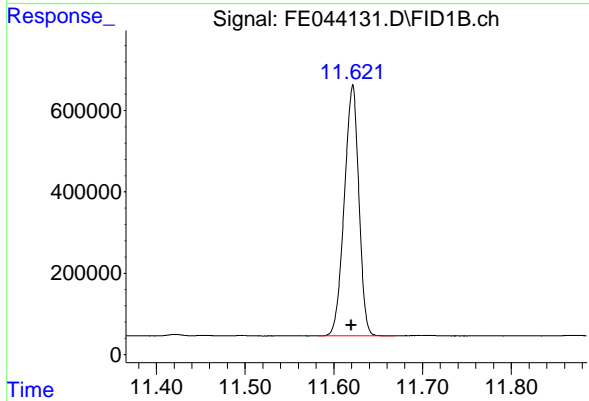
#6 n-Tetradecane (C14)

R.T.: 8.568 min
 Delta R.T.: 0.002 min
 Response: 6143728
 Conc: 36.63 ug/ml



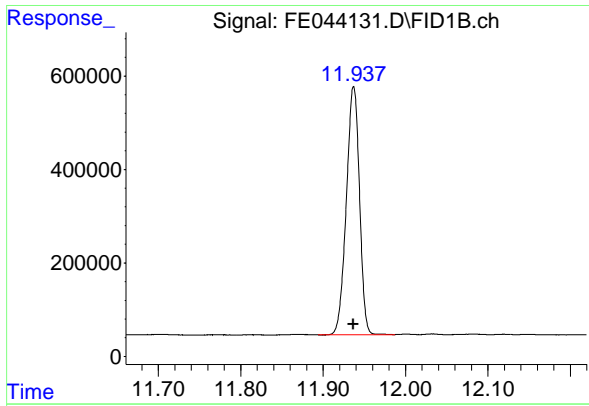
#7 n-Hexadecane (C16)

R.T.: 10.176 min
 Delta R.T.: 0.002 min
 Response: 6654902
 Conc: 38.50 ug/ml



#8 n-Octadecane (C18)

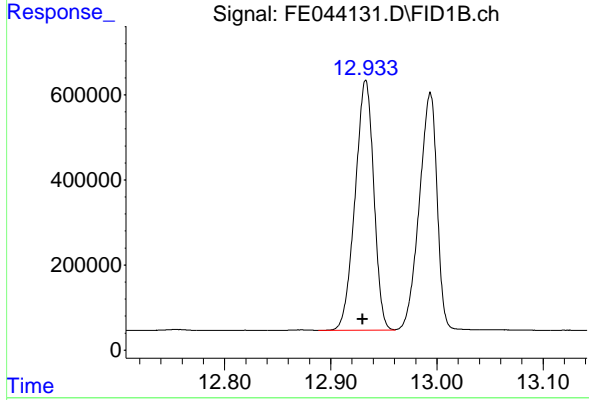
R.T.: 11.621 min
 Delta R.T.: 0.002 min
 Response: 7025162
 Conc: 40.36 ug/ml



#9 ortho-Terphenyl (SURR)

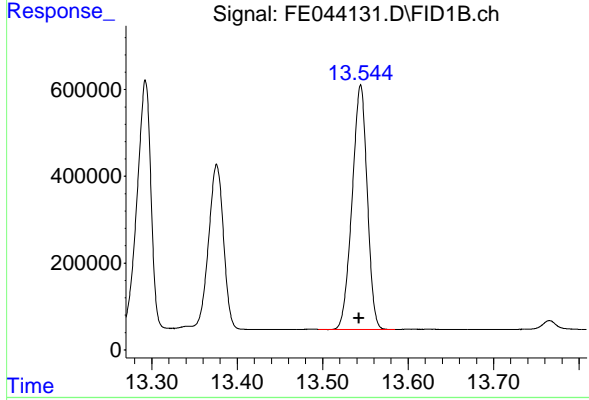
R.T.: 11.937 min
 Delta R.T.: 0.000 min
 Response: 5888329
 Conc: 31.08 ug/ml

Instrument : FID_E
 ClientSampleId : TP-9-5-23-EPHMS



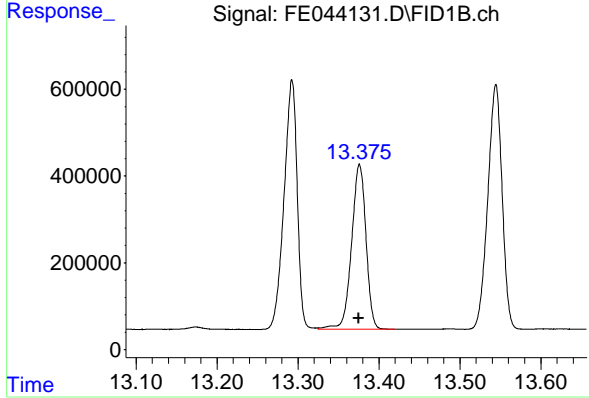
#10 n-Eicosane (C20)

R.T.: 12.933 min
 Delta R.T.: 0.003 min
 Response: 7173911
 Conc: 43.37 ug/ml



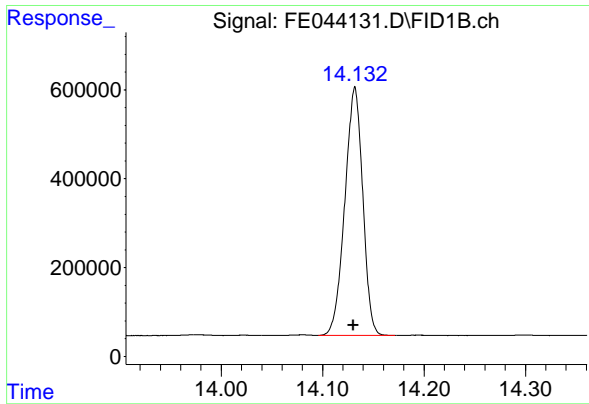
#11 n-Heneicosane (C21)

R.T.: 13.544 min
 Delta R.T.: 0.002 min
 Response: 6916053
 Conc: 42.76 ug/ml



#12 1-chlorooctadecane (SURR)

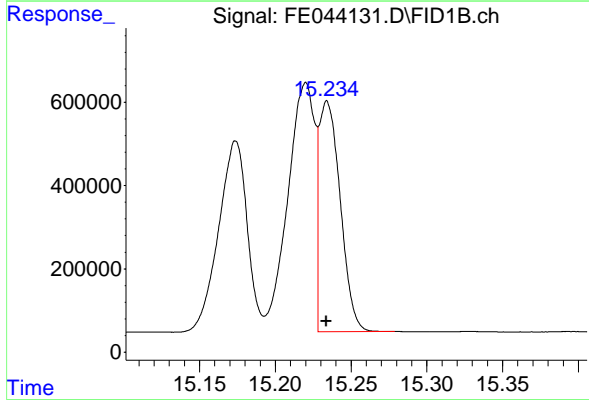
R.T.: 13.376 min
 Delta R.T.: 0.000 min
 Response: 4701995
 Conc: 34.04 ug/ml



#13 n-Docosane (C22)

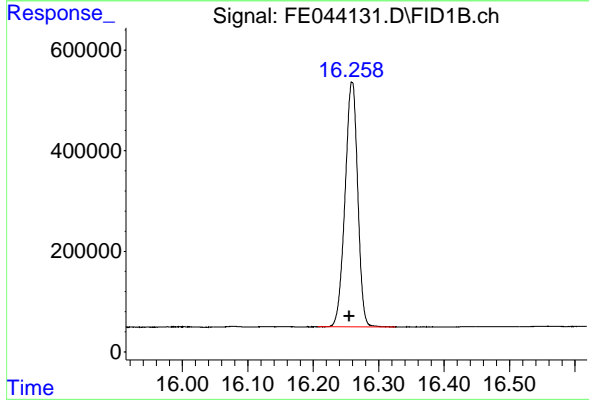
R.T.: 14.132 min
Delta R.T.: 0.002 min
Response: 6861212
Conc: 42.95 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-9-5-23-EPHMS



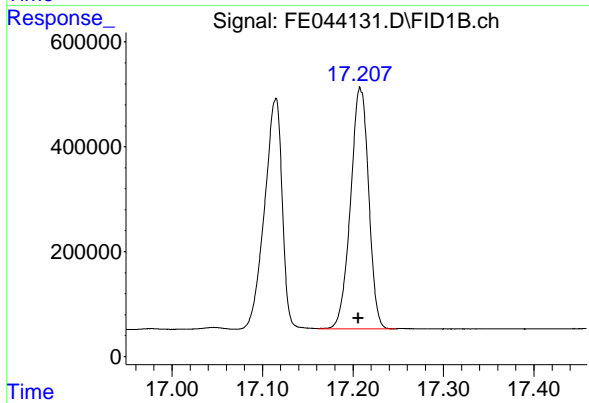
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.000 min
Response: 5404823
Conc: 34.56 ug/ml



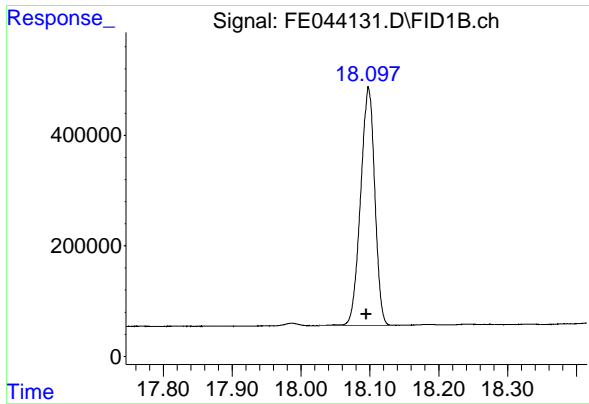
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.004 min
Response: 6546961
Conc: 43.43 ug/ml



#16 n-Octacosane (C28)

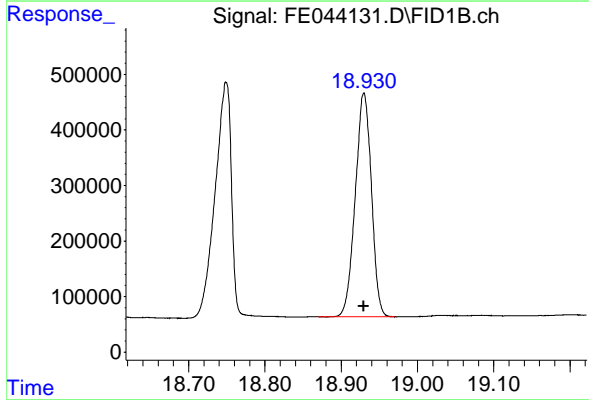
R.T.: 17.208 min
Delta R.T.: 0.002 min
Response: 6397591
Conc: 44.33 ug/ml



#17 n-Tricontane (C30)

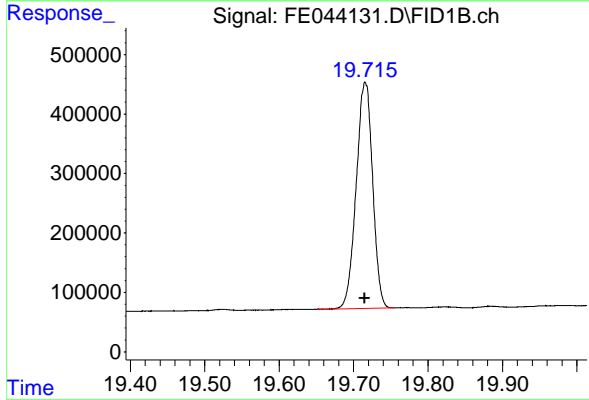
R.T.: 18.098 min
 Delta R.T.: 0.003 min
 Response: 6173110
 Conc: 42.49 ug/ml

Instrument :
 FID_E
 ClientSampleId :
 TP-9-5-23-EPHMS



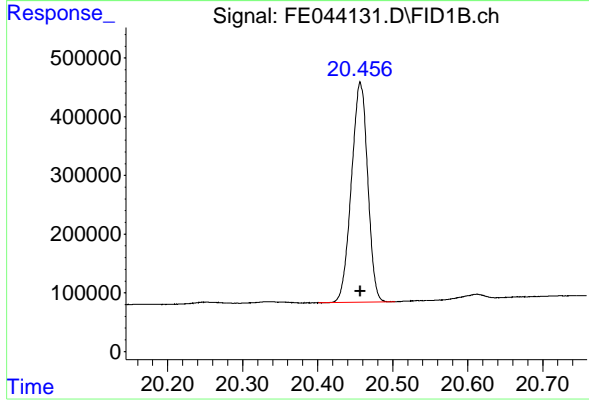
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
 Delta R.T.: 0.000 min
 Response: 5927491
 Conc: 41.61 ug/ml



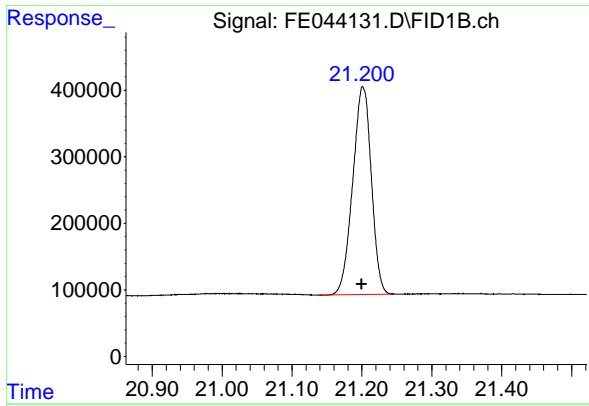
#19 n-Tetraatriacontane (C34)

R.T.: 19.716 min
 Delta R.T.: 0.001 min
 Response: 5838222
 Conc: 41.72 ug/ml



#20 n-Hexatriacontane (C36)

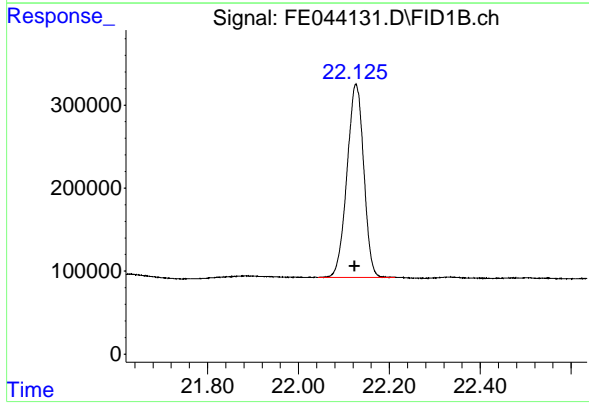
R.T.: 20.457 min
 Delta R.T.: 0.000 min
 Response: 5649433
 Conc: 41.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: 0.002 min
Response: 5781825
Conc: 41.65 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-9-5-23-EPHMS



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.003 min
Response: 5952604
Conc: 43.05 ug/ml